

SELECTION OF AWARDS



SR8001
WINNER MULTI CHANNEL RECEIVER 2008
SMARTHOUSE MAGAZINE, AUSTRALIA



SR4001
AMP / AV RECEIVER OF THE YEAR 2007 \$1000-2000
SOUND & IMAGE MAGAZINE, AUSTRALIA



SR7500
AV RECEIVER OF THE YEAR '05
SOUND & IMAGE MAGAZINE, AUSTRALIA



PM15S1
EISA BEST PRODUCT 2005-2006



VP12S2
VIDEO PROJECTOR OF THE YEAR '03
SOUND & IMAGE MAGAZINE, AUSTRALIA



SR7300
AV RECEIVER OF THE YEAR '03
SOUND & IMAGE MAGAZINE, AUSTRALIA



DV17
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



DV8300
EUROPEAN AUDIO PLAYER 2002-2003;
EUROPEAN IMAGING AND SOUND ASSOCIATION



DV8300
HIFI COMPONENT OF THE YEAR '02
MEDIA TOTAAL MAGAZINE, HOLLAND



DV4100 OSE
PRODUCT OF THE YEAR '01
WHAT HI-FI MAGAZINE, U.K.
SOUND AND VISION AWARD '01
WHAT HI-FI MAGAZINE, U.K.



SR14mkII
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY
HOME THEATRE AWARD '01
HOME THEATRE MAGAZINE, FRANCE



SR9200
HOME CINEMA COMPONENT OF THE YEAR '02
MEDIA TOTAAL MAGAZINE, HOLLAND



SR4200
BEST BUY '01
WHAT HI-FI MAGAZINE, U.K.



AV9000
GOLDEN EAR '01
AUDIO MAGAZINE, GERMANY



PM17mkII
GOLDEN EAR '01
AUDIO MAGAZINE, GERMANY



PM7000
GOLDEN EAR '01
AUDIO MAGAZINE, GERMANY
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



CD17mkII
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



CD6000 OSE
GOLDEN EAR '01
AUDIO MAGAZINE, GERMANY
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



CD6000 OSE LE
BEST CD PLAYER '01
DIAPASON MAGAZINE, FRANCE



CD6000 KI
BEST CD PLAYER '01
ON/OFF MAGAZINE, SPAIN



ST6000
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



DV18
DVD PLAYER OF THE YEAR '01
AVL MAGAZINE, AUSTRALIA



SR18
AV RECEIVER OF THE YEAR '00
SOUND & IMAGE MAGAZINE, AUSTRALIA



SR7400
AV RECEIVER OF THE YEAR '04
SOUND & IMAGE MAGAZINE, AUSTRALIA



SR4500
BEST SURROUND AMP/RECEIVER UNDER \$2,000.
SMARTHOUSE BEST OF THE BEST AWARDS 2005.



For additional information or demonstration centres,
please contact the Australian Marantz distributor, QualiFi Pty Ltd

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marantz®

Home *Entertainment*



2008 - 2009

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because music matters



It's about *passion*

Music is human emotion – expressed as sound. More than that, it's a catalyst for emotion, lifting our spirits, exciting our imagination, and filling us with sensation. And it touches our lives every day. Not just when we listen, but also when we watch: music has always played a vital role in the dramatic arts, from the piano player in silent cinema to the 124-piece orchestra that energises our DVD movies. Music, quite literally, has always provided the harmonious string that unites the story.

That's why Marantz is proud to bring its more than 50 years of experience in high fidelity music reproduction to all its latest products. So you can enjoy high-quality music when you listen, and when you watch. We think that people who treasure human emotions will appreciate this latest Marantz range of Home Theatre and Hi-Fi components.

Because music matters.

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Our *philosophy*

THE PHILOSOPHY BEHIND THE MARANTZ UNIQUE SOUND

Music is part of our everyday lives. Even in today's changing times in which audio meets vision, music is the defining ingredient. It brings emotion to vision and puts the passion into our experiences. For us, the realistic reproduction of music is the essential premise.

We know that true hi-fi is about being able to reproduce the magic of a performance. It's about experiencing music just as the artist intended, even in the cinema. It is music that delivers the ecstasy and agony of a film's story. To Marantz, perfect specifications and technical accomplishment count for nothing unless a product can unlock the power, the excitement and the emotion of music.

Our heritage of technical excellence means we can create components with the ability to communicate the scale, timbre, pitch and dynamics in fact, the very essence of a recording.

Music is enchanting, and we strive to ensure that the carrier of the music looks and feels as good as it sounds. Every component we produce is technically and cosmetically designed to complement the lifestyle of the listener. We pride ourselves on applying these principles to all of our products. Each and every one of our home entertainment components is capable of reproducing the purest, most realistic sound in your home

Supporting the *latest standards*

With the advent of the Blu-ray Disc™, High Definition (HD) Audio has become a reality. HD Audio offers more detail, more effects, and more realism in up to 7.1 independent channels of sound. These new HD Audio standards include Dolby Digital Plus, Dolby TrueHD, DTS HD and DTS Master Audio.

There are two common ways to decode the digital HD Audio signal. The first uses a decoder built the AV receiver (SR7002 / SR8002). The second option is to output the HD Audio signal from the source player (Blu-ray Disc™) in 7.1 Multi-channel PCM format. With either option, there is absolutely no loss of information or resolution – no degradation in sound quality.

All Marantz AV receivers equipped with HDMI (SR4002 and above) support the High Definition Audio 7.1 Multi-channel PCM signal. All are ready for HD Audio

Our *awards*



Marantz PM7001KI Stereo Amplifier of the Year under \$2,000

Marantz consistently receives major Audio and Video Awards from around the world, a testament to the Marantz obsession with sound quality.

A selection of awards for previous models are on the back cover of this catalogue

Our *heritage*



1950's – AN IDEA. A BASEMENT. A PRODUCT. A COMPANY

The World of Home Entertainment would never be the same



More than any other person, Saul Marantz defined premium home entertainment. Driven by his passion for music and his accomplishments as a classical guitarist – accomplishments that led to a close friendship with Andres Segovia – he was never satisfied with the 'hi fi' equipment of his day. So he built better; first in his basement, later in a factory. His talent for industrial design and his ability to infuse talented engineers like Sidney Smith and others with his vision resulted in legendary products. The Model 7 preamplifier. The Model 8 and, soon after, the 8B power amplifier. And insured that his company would remain a premiere name in the industry he helped establish

1960's – THE TRADITION CONTINUES. THE VISION GROWS

New Models expand musical horizons for many



The Model 9 'monoblock' power amplifier found a home in many audiophile systems. And NASA decided that a modified version called the 9120 was stable enough to merit use in tracking stations around the world as part of the Apollo space program. The Model 10B FM tuner, cited by many as the most accurate and best sounding tuner of all time, soon followed. The decade also saw two other significant Marantz moves; a physical one from New York to California, and an electronic one from tubes to transistors

1970's – MARANTZ QUALITY REACHES EVERYONE

The most successful Receiver line in Consumer Electronics history. Tens of thousands of customers revel in the sound of Marantz



For almost a decade, the justifiably famous '2200' receivers introduced uncounted thousands of sound-conscious people to the vivid, enveloping, and musically accurate Marantz sound. And separate components weren't forgotten either as Marantz, benefiting from new financial backing and new production facilities in Japan, produced a growing roster of preamplifiers, power amplifiers, integrated amps, tuners, turntables, and speakers. This was a decade of intense growth and expansion, fuelled by imaginative product development and demanding quality standards.

Marantz quality goes unquestioned. In 1974, customer Francisco Espina writes Marantz detailing the survival of his Marantz 2270 during a fire in the building he lives in. Out of curiosity he plugs his now crispy 2270 in and amazingly it sounds perfect

1980's – THE DAWN OF DIGITAL AUDIO FINDS MARANTZ LEADING THE INDUSTRY ONCE AGAIN

Laser Disc and CD Players are in demand.



In 1983, consumer digital audio became a reality in North America. And Marantz's CD-63, the first publicly announced CD player, led the way. This ground breaking development was soon followed by the appearance of the CD-12, the world's first two-piece CD player. Announcement of the CD-63, led the way. was there at the very beginning. Marantz also becomes involved with video for the first time with the CDV-780 Laserdisc player

1990's – MARANTZ MOVES INTO AUDIO/VIDEO

Honours its past with replicas of the original Model 7 and Model 9. Saul Marantz moves on to even higher fidelity



Marantz entered the '90s with the energy and dedication that came from restored corporate unity. We moved into audio/video with the introduction of the SM-80, our first THX-certified amplifier in 1992 and the critically-acclaimed SR-96 THX-certified receiver four years later. The '90s also saw the VP-8770, the first Marantz LCD video front projector, and the PD-4280, the first of our much-praised plasma monitor series. Sadly, we – and the industry – lost Saul Marantz

2000 – THE DAWN OF A NEW ERA

High Definition Digital Audio takes centre stage and the new Reference series relights the Marantz passion for excellence



The Super Audio CD came to life as the SA-1 SACD player and other new Reference Series components provided a concrete example of Marantz's continuing dedication to sonic superiority. On the AV front, an upgraded series of finely-crafted surround sound receivers and DVD players exhibited engineering inspiration gained from decades of effort and tradition. And, thanks to determined efforts to extract the most from contemporary technologies like DLP projection and plasma monitors, Marantz's video reputation grew almost as quickly as did its legendary audio prestige a half century earlier.

What's next? Most certainly the promise of quality and excellence as only Marantz can deliver

Home Theatre *Components*

The 2008 range of Marantz AV Receivers combine high quality reproduction with the latest in high-tech features. Which means that whatever media you play, with Marantz you are assured the highest of high fidelity. You are also assured of the latest features. For example, MRAC / Audyssey technology will automate set-up and correct room acoustics with equaliser functions. Other features include adjustable cross-over settings, HDMI, and a special video conversion that enables an easy single-cable connection between receiver and TV. Also, any source equipment can be connected to the receiver, whether it is simple video, S-Video or component signal. On the higher-end models (from SR6001 up), these signals will even be converted to progressive signals and as digital video signal outputted via an HDMI. And, as you would expect, everything is fully compatible with our wide range of DVD players. What's more, because each complete system is made of separate components, you can customise your system exactly as you want. Exactly what your eyes and your ears deserve

SUPPORTING THE LATEST STANDARDS

With the advent of the Blu-ray Disc™, new High Definition (HD) Audio signals are available, which offer more details, more effects, and more realism in sound on up to 7.1 independent channel. The new HD Audio standards coming are called Dolby Digital Plus, Dolby TrueHD and DTS HD. There are two ways for decoding the digital HD Audio signal. First is by dedicated decoder for the new formats built into the AV receiver like on SR8002 and SR7002. The second option is to use the HD Audio signal in 7.1 multi channel PCM format, which is created by the Blu-ray Disc™ player out of the Dolby Digital Plus, Dolby TrueHD or DTS HD signal. There is no loss on information or resolution – no degradation in sound quality. All Marantz AV receivers with HDMI input support the High Definition Audio 7.1 Multi-channel PCM signal. All are ready for the future HD Audio

HDMI

This allows fully uncompressed digital video to not only pass through the receiver, but since there are two inputs, you can switch sources as well. The HDMI™ interface has a maximum bandwidth of 5 Gbps for DVI quality video, audio, and signals, allowing the delivery of Dolby Digital, DTS, and DVD-Audio in addition to uncompressed video up to 1080p (that's 1080 Progressive!). This interface is rapidly becoming the standard for interconnecting all audio, video and control devices

HD COMPONENT VIDEO SWITCHING WITH UPCONVERSION USING TIME BASE CORRECTION AND 2 OUTPUTS

The SR9600 has a HD capable component switching section with a bandwidth of over 80 MHz for transparent source switching of Y/Pb/Pr signals. In addition, to allow just one cable to connect to your monitor, it has a Marantz designed video up conversion circuit with a Time Base Corrector (TBC) for tear free stable image from even aging VHS machines. Finally, the SR9600 is the first receiver in our line to offer two outputs for the component signal, enabling two different display devices to be connected

BOXER AMPLIFIER DESIGN WITH ACTIVE INTELLIGENCE COOLING

This highly efficient amplifier design utilises a 'tunnel' type heatsink with an extremely quiet variable speed fan that doesn't even turn on until serious heat occurs. This assures the owner of audiophile-level silence. The amplifier uses an OFC copper rail for the power supply side of the output transistors as well as specially sourced OFC cables for the power supply and the speaker outputs

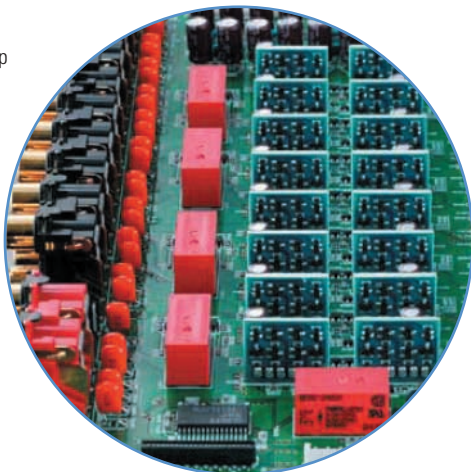
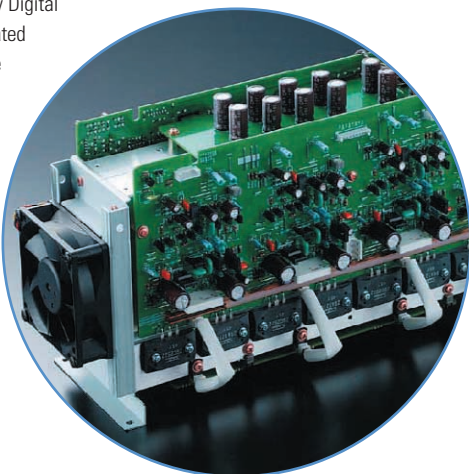
DUAL 32 BIT DSP

The SR9600 is one of the first products in the world to use the new Cirrus Logic CS49502 DSP. This chip has unprecedented processing power and utilises two 32-bit cores for the ability to complete over 260 million instructions per second. This enables the extremely complex post-processing of the audio signal to be a breeze for the SR9600

HDAM-SA2

The original HDAM® module (High Definition Amplifier Module) was developed in the mid nineties to replace the IC op-amps that were used to buffer the voltage portions of output stages. These legendary circuits have helped shape the 'Marantz Sound' and have been used in many highly regarded products since. In this latest version, designed for high bandwidth audio sources, the signal paths are as short as possible, for reduction of external noise and reduced mounting area. The SR9600 uses 16 of these devices at the juncture between the preamplifier and power amplifier stages

Boxer Amplifier Design with Active Intelligence Cooling



HDAM-SA2



SR9600

THX ULTRA2 7.1 AV RECEIVER



The SR9600 is simply the best surround receiver we offer. It surpasses the performance levels of even separate components in both sheer brawn and subtle sophistication. THX Ultra2 certification – and power output of 140 W RMS from each of its seven current-feedback amplifiers – means the SR9600 will recreate the sonic impact of dynamic movie soundtracks in the largest rooms. Intelligent cooling assures long term stability even under demanding conditions. Analogue preamp circuitry features wide-band HDAM-SA2 modules. The oversized power supply include a toroidal transformer and Marantz-designed storage capacitors for quick response to rapidly varying sources. Dual 32-bit micro-processors handle surround decoding and 9-band parametric MRAC adjustments with outstanding speed and accuracy. Two AM / FM tuners let you listen to different stations in different areas of your home. Connectivity includes IEEE 1394 and a Marantz-optimised version of HDMI for accurate data transfer and software upgrade capability. The high definition display makes control and adjustment easy. Dolby Headphone produces a private, natural, non-fatiguing surround experience. An RS232 port and 4 programmable 12 V 'triggers' let the SR9600 function in virtually any custom-designed home theatre system

- THX Ultra2® Certified
- 140 W x 7 All Discrete 'Current Feedback' Amplifier Stages
- THX Surround EX® Processing
- Dolby Digital EX®, Pro Logic IIx® (Movie / Music / Game)
- DTS 96 / 24, ES® (Discrete 6.1 / Matrix 6.1), Neo:6 (Cinema / Music)
- SRS Circle Surround II® (Cinema / Music / Mono)
- iLink (IEEE1394 / Firewire port)
- HDAM-SA2 outputs
- Dual 32-Bit Digital Surround Processing Chipsets
- 192 kHz / 24-Bit Cirrus Logic® DACs for all 7 Channels
- MRAC (Marantz Room Acoustic Calibration) System with equalisation
- Massive, High Energy Power Supply, Huge Toroidal Transformer
- Copper-plated Chassis
- HDMI Switching (2 in / 1 out)
- High-grade Video Up-conversion: Composite / S-Video to Component Video with line memory and TBC (Time Base Correction)

- Dual Multi-room / Multi-source Capabilities with Composite Video for two zones
- Built-in Dual AM / FM Tuners
- Speaker A / B Switching
- Multi Speaker 'C' Output
- RS232C Connection for System Control and Future Upgrades
- Lip Sync Control
- HD Compatible Component Video Switching (4 in / 2 out)
- 8 Assignable Digital Inputs (9 in Total)
- 1IR Flasher Input, 1 IR Receiver Input and 4 IR Emitter Outputs
- 4 Assignable DC Trigger Outputs
- Gyro-Touch Tuning
- Pre-main couplers for all seven channels
- Touchscreen Learning Remote



Note: Product features highlighted in blue indicate improvements over SR8002 model



SR9600



New

SR8002

THX-SELECT 7.1 AV RECEIVER



The SR8002 AV receiver has the very latest Video Technologies – in this regard it is the most sophisticated AV receiver ever offered by Marantz. This leading model from the new upgraded Marantz AV receiver series easily surpasses the performance levels of even separate components in both sheer brawn and subtle sophistication. As a THX Select2 certificated AV receiver – and power output of 125 Watts RMS from each of its seven current-feedback amplifiers – the SR8002 will recreate the sonic impact of dynamic movie soundtracks in the largest rooms. Technologies like THX Select2 provide uncompromised 7.1 channel playback of any multi-channel program, whether it's movie soundtracks or music, over the widest possible seating area. The incorporated 4in and 2out HDMI 1.3 sockets with deep colour technology the SR8002 is ready to handle current as well as tomorrow's technology as full HD video and HD audio as Dolby Digital Plus, Dolby TrueHD and DTS HD. Together with a built in audio enhancer for compressed audio as MP3, WAV and AAC, upconversion from analogue signals including I/P conversion to HDMI and possibilities to create a multi-room audio and video environment the SR8002 is an investment for many years to come

- THX Select2 certified Current Feedback AV Receiver delivering 7x 125 Watts RMS
- Dolby Digital Plus, Dolby TrueHD, DTS HD and 7.1 Multi-channel PCM for HD Audio
- 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Audio enhancer for all compressed audio formats as MP-3, WAV, AAC, etc
- Neural Surround, Dolby Headphone and Dolby Virtual Speaker II
- Room Acoustic Calibration with EQ by Audyssey for one touch speaker set-up
- Four HDMI1.3 input for digital audio and video including deep colour support
- Two HDMI1.3 output direct selectable via remote or RS232
- High grade video conversion with line memory up to HDMI level
- Huge Toroidal transformer with shielding for instant current delivery capability
- Copper-plated chassis for lowest impedance grounding at any point
- Two independent Zones for multi-room / multi-source audio and video (1x up to component level)

- Customised components for best sound performance in stereo and multi-channel
- Surround Back speaker for multi-room assignable
- Speaker C function for real bi-amping of front channel in 5.1 set-up
- Pure direct mode and Video off mode for best analogue sound
- Sound delay function to sync audio and video
- RS232C port, Flasher in, IR Flasher out, IR receiver in and DC triggers for system integration
- RC8001SR learnable system remote control with macro functions and backlit
- Extra remote included for second room control (RC101, refer page 23)
- Input function rename for customisation

Note: Product features highlighted in blue indicate improvements over SR7002 model



New

SR7002

THX-SELECT 7.1 AV RECEIVER



The SR7002 is a no compromise digital surround receiver, built to excel in the reproduction of movies, music, and functionally. It offers the very latest in High Definition video switching and up-conversion for the very best picture quality. The SR7002 also supports all the multi-channel audio formats for an impressive, enveloping 360 degree surround sound. Room Calibration by Audyssey Multi-EQ automatically tailors the sound to suit the room which allows a perfect recreation of HD audio such as Dolby Digital Plus, Dolby TrueHD and DTS HD. The SR7002 is built to Marantz standards with refinements such as video conversion, 4 in and 2 out HDMI 1.3 video switching with I/P conversion for analogue signals. Audio enhancer for compressed audio such as MP3 and WAV formats. Independent power supply circuits are incorporated for the FL display, audio and video sections of the receiver for maximum separation, clarity and dynamic range make the SR7002 to a excellent AV receiver, fully in line with Marantz traditions

- THX Select2 certified Current Feedback AV Receiver delivering 7x 110 Watts RMS
- Dolby Digital Plus, Dolby TrueHD, DTS HD and 7.1 Multi-channel PCM for HD Audio
- 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Audio enhancer for all compressed audio formats as MP-3, WAV, AAC, etc
- Neural Surround, Dolby Headphone and Dolby Virtual Speaker II
- Room Acoustic Calibration with EQ by Audyssey for one touch speaker set-up
- Four HDMI1.3 input for digital audio and video including Deep Color™ support
- Two HDMI1.3 output direct selectable via remote or RS232
- High grade video conversion with line memory up to HDMI level
- Interlace-Progressive conversion for analogue to HDMI converted video signals
- One independent Zone for multi-room / multi-source audio and video

- Surround Back speaker for multi-room assignable
- Speaker C function for real bi-amping of front channel in 5.1 set-up
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode and Video off mode for best analogue sound
- Sound delay function to sync audio and video
- RS232C port, Flasher in and DC triggers for system integration
- Input function rename for customisation
- RC8001SR learnable system remote control with macro functions and backlit
- Extra remote included for second room control (RC101, refer page 23)

Note: Product features highlighted in blue indicate improvements over SR-6001 model





Sep 2007

SR6001

7.1 AV RECEIVER



This is a full featured Home Theatre Receiver with 100 Watts of Current Feedback Amplification in each of its seven channels. The SR6001 features HD Component Video switching, and Video up-conversion from a Composite Video signal right up to HDMI if needed. Enjoy music and video in a second area at home with easy to use Multi-room functionality. The SR6001 is equipped with two HDMI (v1.2) (Repeating) inputs. Audyssey Auto Calibration, an IR Flasher Input and 2 DC Trigger Outputs makes integration and setting up your new SR6001 a breeze

- Full discrete wide range Current Feedback AV Receiver delivering **7 x 100 Watts**
- **Room Acoustic Calibration with EQ by Audyssey for one touch speaker setup**
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Dolby Headphone and Dolby Virtual Speaker II
- **HDMI 1.2 video switching / repeating for digital audio and video**
- **High grade video conversion with line memory up to HDMI**
- **Interlace-Progressive conversion for analogue to HDMI converted video signals**
- Multi-room / Multi-source for audio **with discrete volume controls**
- Surround Back for Multi-room assignable
- **Speaker C function for real bi-amping of front channel in 5.1 setup**
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode **and Video off mode** for best analogue sound
- Sound delay function to sync audio and video
- RS232C port, IR flasher inputs and DC triggers for system integration
- RDS tuner with **60 random presets**
- Learnable and pre-programmed system remote control with backlight
- **Input function rename for customisation**

Note: Product features highlighted in blue indicate improvements over SR5002 model



SR6001



New

SR5002

7.1 AV RECEIVER



The Marantz SR5002 Digital Surround Receiver is a high-performance, high-power home theatre receiver that offers outstanding surround sound and video quality, coupled with some great features like multi-room with multi source flexibility, video conversion, HDMI 1.1 video switching, well designed metal fascia, video off mode and high grade components. It is adapted for the new generation of audio with 7.1 multi channel PCM decoding High Definition audio from Blu-ray Disk™. A 32-bit DSP provides excellent reproduction of DD-EX, DTS ES, Dolby Pro Logic II, Circle Surround II. To maximise the audio reproduction the SR5002 is equipped with the Marantz own MRAC one touch speaker calibration system. The 7 equal power amplifier section, with high current discrete output on all channels can handle easily the most demanding of action films, offering excellent sound quality on music playback from DVD or CD. Highly accurate 192 kHz / 24-bit audio D/A converters for the analogue to digital signal, resulting in a higher grade sound quality. Experience your movies and music in dynamic Marantz style

- Full discrete wide range amplifiers delivering **7x 90 Watts RMS**
- MRAC with high precision microphone for one touch auto speaker set-up
- 7.1 Multi-channel PCM decoding for High Definition (HD) Audio from Blu-ray Disc™
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- **3 in / 1 out HDMI repeater for digital audio and video**
- 192 kHz / 24-bit D/A converters on all channels
- HT-EQ (Cinema equalisation) and Dolby Headphone
- Clear OSD menu structure and ease of use due to front panel cursor control
- Video conversion **up to S-Video and Component Video level**
- Pure direct mode for best audio performance
- **Sound delay function to sync audio and video**
- **Multi-room / multi source for audio, pre out and multi speaker mode**
- **RS232C, IR Flasher port and DC trigger for system integration**
- Learnable and pre-programmed system remote control with backlit

Note: Product features highlighted in blue indicate improvements over SR4002 model



SR5002



New

SR4002

7.1 AV RECEIVER WITH HDMI



The SR4002 heads up the range of Marantz AV receivers equipped with HDMI switching. 2 in and 1 out enables reproduction of High Definition audio from a Blu-ray Disc™ player. Your favourite music or movies can now also be experienced on a whole new level with the 7.1 multi channel PCM decoder. speaker set up has never been easier with the Marantz own MRAC auto set up giving you the best performance in your own listening and watching environment. Two HDMI sources can easily be connected to it with only one HDMI cable running to the display. It represents outstanding combination of home theatre receiver performance, features and flexibility along with renown Marantz sound quality. Experience the true excitement of a movie soundtrack through 192 kHz / 24-bit audio D/A conversion and experience the ultimate functionality of having a wide variety of analogue and digital video and audio inputs, outputs, including HDMI and Component Video switching. With the SR4002 being the most affordable AV receiver in our range it is the ultimate choice for a wide variety of high performance home theater enthusiasts

- Full discrete wide range amplifiers delivering 7x 80 Watts RMS
- MRAC with high precision microphone for one touch auto speaker set-up
- 7.1 Multi-channel PCM decoding for High Definition (HD) Audio from Blu-ray Disc™
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- 2 in / 1 out HDMI repeater for digital audio and video
- 192 kHz / 24-bit D/A converters on all channels
- HT-EQ (Cinema equalisation) and Dolby Headphone
- Clear OSD menu structure and ease of use due to front panel cursor control
- Video conversion (S-Video to Component Video level)
- Pure direct mode for best audio performance
- Learnable and pre-programmed system remote control with backlit keys

Note: Product features highlighted in blue indicate improvements over SR3001 model



SR4002



SR3001

7.1 AV RECEIVER



The new SR3001 takes over from the award-winning SR-4500. Many of the features are shared, including full 7.1 channel capability. Each of the 7 built-in amplifiers produces 70 W RMS. You'll enjoy Dolby Digital EX and DTS ES soundtracks thanks to 32-bit processing. Other surround formats include Dolby Pro Logic IIx, DTS Neo:6, and SRS Circle Surround II. Advanced 192 kHz / 24-bit D/A converters mean you'll hear everything with total accuracy. Connectivity? Extensive. There's a battery of audio and video inputs and outputs. Full Composite to S-Video conversion, too, for optimal picture clarity. Want audiophile performance? Pure Direct mode will further enhance the listening experience. Other features include a unique Simple Setup so you can enjoy your system quickly and effortlessly. The AM / FM tuner has 50 custom-name presets. The SRS TruSurround headphone output means you can be surrounded without disturbing anyone



SR3001

- Full discrete wide range amplifiers delivering 7 x 70 Watts
- Easy Setup guide-function for uncomplicated installation
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Ease of use due to front panel cursor control
- HDCD compatible
- SRS TruSurround XT Headphone
- Component Video switching
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode for best analogue audio
- Pre-programmed system remote control
- Adjustable cross-over settings for optimised performance of speakers and subwoofer
- Surround Back amplifier useable as speaker B in 5.1 setup

Note: Product features highlighted in blue indicate improvements over SR301 model



SR301

AV RECEIVER



- Full discrete wide range amplifier delivering 5 x 60 Watts
- DTS, Dolby Digital and Dolby Prologic II Decoding
- 5 Simulated Surround Modes (Matrix / Church / Theatre / Hall / Stadium)
- 2 Component Inputs & 1 Monitor Output (HDTV Compatible)
- Tone Control (Bass / Treble)
- 3 Digital Inputs (1 Optical / 2 Coaxial)
- 5.1 Channel Direct External Input, Front Panel AV(VIDEO3) Input
- Subwoofer Pre output
- Adjustable Cross Over Frequencies (80 / 100 / 120 / 140 / 160 Hz)
- Wide Range Power Amplifier for All Channels
- Quartz PLL Synthesized Digital Tuning
- Auto Scan & Preset Memory (Up to 30 Stations)
- NIGHT mode Dynamic Range Control (Multi-Step)
- Color Coded Terminals
- Headphone Jack (Speaker On/Off select manually)
- Sleep Timer
- Full Function AVR Remote Controller (not pictured)

Style, *Simplicity...* Surround Sound

The ES7001 Digital Home Theatre Speaker System by Marantz is a perfect one-piece, easy to install solution for surround solutions. By combining a new technology, called OPSODIS, with Marantz's 55 year experience with high-quality sound reproduction, you can enjoy a superb surround experience – without needing to have other speakers around the room. If a traditional surround sound installation with five or more speakers is not possible (or not desired), the OPSODIS-equipped Marantz ES7001 may be the answer.

OPSODIS (Optimal Source Distribution) is a new virtual surround technology developed by the Institute of Sound and Vibration Research (ISVR) and the Kajima Corporation in Japan. OPSODIS technology processes the movie soundtrack in such a way that only the speakers inside the ES7001 are needed for omni-directional sound. It does not rely on reflections from walls to achieve a remarkable virtual surround effect



Setting up the ES7001 is so much easier than traditional surround systems. Simply place the ES7001 directly above or below your display device, connect your DVD player and Subwoofer (optional) and you are set to go.

Style, Simplicity... and amazing Surround Sound.
The new ES7001 by Marantz.



New

ES7001

DIGITAL HOME THEATRE SPEAKER SYSTEM



Want to experience your favourite movies in real cinema style just out of one speakerbar? You can make this dream come true, in the comfort of your own home, without laying miles of cable and without having to put a speaker in every corner. Cinemarium uses OPSODIS Technology, which generates spatial sound, without having to use walls to reflect the sound. This creates the illusion of three-dimensional acoustics and enables you to experience the film soundtrack and music with a power and intensity not previously achieved. Start today with and experience at home the sound-atmosphere of a real cinema

- OPSODIS Processing
- Easy Installation (one body system)
- HDMI Repeating (2 In / 1 Out)
- 6 digital amplifiers (discrete – one for each speaker)
- Built-in Dolby Digital / DTS Decoder
- D-Bus (RC-5 Out) remote connection
- Optical Digital Inputs (3x)
- Analogue Outputs (2x)
- Listening Position Optimisation
- High Strength Aluminum Cabinet
- Large Clear Display with Adjustable Brightness
- Output for Subwoofer
- Trigger Output for Optional Subwoofer
- Binaural mode
- Multifunctional Remote Controller



ES7001 inputs include HDMI and digital audio



The wonder of *sound and vision*

With DVDs you get twice as much picture detail than a VCR, and a third more than a television alone – which is great for picture quality.

But DVD technology really excels when it comes to sound, the DVD is superior to any other video related sound, offering 6-channel Dolby Digital or other Digital Theatre Sound surround sound. And Marantz engineers are committed to ensuring you enjoy every bit of it, in fact unlike other DVD players, Marantz players reproduce a remarkably high-quality sound from CDs, making them a truly universal piece of your entertainment system



DV9600

UNIVERSAL DVD PLAYER



The DV9600 includes many examples of Marantz's best engineering and refined circuitry with carefully chosen internal components. It supports DVD, DVD-A, SACD (stereo and multi-channel), CD, CD-R, CD-RW, VCD 2.0, SVCD, and MP3 discs with built-in Dolby Digital and dts decoders and true DSD processing for all SACD. A dual-transformer power supply separates circuits to eliminate interference. Analogue audio circuitry includes unique high current HDAM modules mounted on a separate circuit board for extra isolation. The chassis includes a double-layer bottom plate to minimise vibrations and the transport mechanism is highly damped to minimise tracking problems that can affect both picture and sound. Video circuitry includes a separate progressive-scan 10-bit D/A converter in addition to the main 216 MHz / 14-bit video processor. NSV (Noise Shaped Video) circuits further reduces video noise for extraordinary reproduction. Conveniences abound. There's a customisable start-up screen, parental controls, an HDMI video output. And an RS232 port for total system control

- Video / Audiophile SACD, DVD-A and DVD-V player
- Superb 216 MHz / 14-bit video DAC for high signal accuracy
- Noise Shaped Video technology for sharp and detailed pictures
- HDMI1.1 for high resolution digital video and multi-channel digital audio
- First player with high definition video scaling via HDMI up to 1080p
- RGB normal or expand and component 4:4:4 or 4:2:2 for HDMI out
- 10 bit Interlace to Progressive conversion
- Chroma error correction for best colour reproduction
- Extended video adjustment capabilities for analogue and digital video output
- Lip Sync / audio delay for matching audio and video
- I-link (IEEE1394) for high resolution digital audio (SACD, DVD-A)
- Flow rate control on IEEE1394 for Jitter free transmission

- High performance CS4398 audio DAC with 192 kHz / 24 bit on all channels
- Marantz Hyper Dynamic Amplifier Modules (HDAM) on all 6 channels
- Symmetrical layout and shielded analogue audio board with customised components
- Dedicated power supply for analogue circuitries for pure signal handling
- DD, DTS and DTS96/24 decoding
- Dolby Headphone for surround via stereo headphone set
- Bi-directional RS232C port for system integration
- Dedicated remote control and D-Bus
- High quality Scart and Component Video outputs
- See technical specifications for rear panel view

Note: Product features highlighted in blue indicate improvements over DV7001 model



Sep 2007



Product of the Year
DVD Player Oct 2007



Jun 2007

DV7001

UNIVERSAL DVD PLAYER



Compatibility with virtually all of today's digital video and audio disc formats makes the DV7001 universal disc player the ideal solution for upgrading your system for music and movies in stereo and multi-channel surround sound. It plays DVD-A, DVD-V, DVD-R/RW, SACD and CD-R/RW discs, including MP3 files. Inspiring video performance is guaranteed by the latest 216MHz/12-bit digital to analogue converter for video processing and NSV precision video. Utilising video up-conversion via HDMI, with PAL Progressive Scan, provides an unsurpassed picture quality for any HD (High Definition) compatible screen or projector. Audio excellence is assured with a 192 kHz / 24-bit converter, the unique HDAM and other Marantz specific sound modifications in the audio sections

- Superior playback of SACD, CD, DVD-A and DVD-V discs
- Compatible with SVCD, DivX, WMA, MP3, JPEG, DVD-R/RW and +R/RW
- 216 MHz / 12-bit video DAC for greatest video quality
- Noise Shaped Video technology for sharp and detailed pictures
- High Definition Multimedia Interface (HDMI) for full digital video and audio
- High definition video scaling on HDMI from 480p up to 1080p
- RGB normal or expand and component 4:4:4 or 4:2:2 for HDMI out
- DCDi by Faroudja® for motion pictures without artifacts
- 10 bit interlace to progressive conversion
- Dedicated audio board for best audio with high performance 192 kHz / 24bit DACs
- Marantz Hyper Dynamic Amplifier Modules (HDAM) and high grade audio components
- Direct DSD path for best Super Audio CD performance
- Bi-directional RS232C and Flasher In port for system integration
- Dedicated remote control and D-Bus

Note: Product features highlighted in blue indicate improvements over DV6001 model



Nov 2007



Best DVD Player
under \$1,000

DV6001

UNIVERSAL DVD PLAYER



Quality universal players are difficult to find. But the DV6001 combines universality and quality in a uniquely Marantz fashion. It handles movie DVD, DVD-A, SACD, conventional music CD, recordable CD-R / -RW, VCD 2.0 discs, MP3 and WMA audio discs, even JPEG picture discs and DivX movie files! The Marantz DV6001 includes internal Dolby Digital and DTS decoders. Six 192 kHz / 24-bit digital-to-analogue converters make everything sound exceptionally lifelike. Shut off the DV6001's video circuitry completely for the purest audio signal path possible. Internal bass management circuits route DVD-A and SACD audio channels directly to the proper speakers. Video technology includes advanced 3:2 pulldown circuitry and wide bandwidth video D/A converters for exceptional picture quality. Composite, S-Video, and component outputs? Progressive scan? Of course! Conveniences include advanced on-screen display, parental controls, front panel menu operation, and a hand-contoured remote. Connectivity options include a variety of audio and video outputs, including the latest version HDMI output

- High quality playback of SACD, CD, DVD-A and DVD-V discs
- Compatible with SVCD, DivX, WMA, MP3, JPEG, DVD-R/RW and +R/RW
- New 216 MHz / 12-bit video DAC for finest video signal resolution
- HDMI1.1 for digital video and digital Multi-Channel audio
- High definition video scaling on HDMI from 480p up to 1080p
- Faroudja video processing for PAL and NTSC progressive scan
- Noise Shaped Video technology for sharp and detailed pictures
- Extended video adjustment for personal set up
- Video buffer for seamless playback
- DD, DTS and Dolby Pro Logic II decoding
- 192 kHz / 24-bit DAC for all 6 channels
- Video on/off for best audio
- New design with solid metal front panel and double bottom plate
- Bi-directional RS232C and Flasher-In port for system integration
- Dedicated remote control and D-Bus

Note: Product features highlighted in blue indicate improvements over DV4001 model



DV4001

DVD PLAYER



The Marantz heritage of building only the finest CD & DVD players is evident throughout the DV4001. This DivX DVD player is capable of handling not only DVD, but also CD, CD-Rs/RWs with music in MP3, WMA, but also JPEG for a nice slight show of your homemade pictures. The DV4001 is an exceptional DVD player for the ideal home theater system, bringing DVD movies to life with stunning digital video and surround sound capabilities. The strict hand-selection of parts, for example, allows for the amazing sound and image quality. A dedicated remote control compliments the versatility of the DV4001

- High quality playback of DVD-V
- Compatible with SVCD, WMA, MP3, JPEG HD, DVD-R/RW and +R/RW
- DivX 6.0 disc playability
- New 108 MHz /12-bit video DAC for finest video signal resolution
- High definition video scaling on HDMI up to 1080i
- HDMI1.0 for digital video and digital multi-channel audio
- Extended video adjustment for personal set up
- Video buffer for seamless playback
- Multiple video connectivity including scart RGB and component
- 192 kHz / 24-bit DAC for excellent audio performance
- Video on/off for best audio
- New design with solid metal front panel and double bottom plate
- Bi-directional RS232C and Flasher In port for system integration
- Dedicated remote control and D-Bus

Note: Product features highlighted in blue indicate improvements over DV3002 model



New

DV3002

DVD PLAYER



The Marantz heritage of building only the finest CD & DVD players is evident throughout the DV3002. The player is capable to handle not only DVD, but CD, CD-Rs /RWs with music in MP3, WMA or even JPEG for a nice slight show of your homemade pictures. The DV3001 is an exceptional DVD player for the ideal home theater system, bringing DVD and DivX movies to life with stunning digital video and surround sound capabilities. A dedicated remote control compliments the versatility of the DV3002

- Finest quality playback of DVD-V and CD
- Compatible with DivX 6.0, SVCD, WMA, MP3, JPEG HD, DVD-R/RW and +R/RW
- 108 MHz / 12-bit video DAC for very well video signal resolution
- HDMI for digital video and digital multi-channel audio
- High definition video scaling on HDMI up to 1080i
- Extended video adjustment for personal set up
- Multiple video connectivity including HDMI, Scart RGB and component
- 192 kHz / 24-bit DAC for good audio performance
- Video on/off for best audio
- Audio CD Up-Sampling for better sound on standard CDs
- Solid metal front panel
- Dedicated remote control



The picture of partnership

Thanks to our close co-operation with Gennum and Texas Instruments, Marantz was the first company to fully utilise TI's super-advanced 2 million pixel DLP® Chip. So now it is now possible to fully immerse yourself in a true high definition DLP® video experience: an amazing 1920 x 1080 pixels. This represents a major engineering breakthrough, one that can be immediately appreciated once you see the breathtaking picture



New

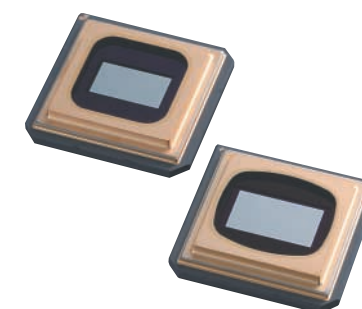
VP15S1

PREMIUM HD DLP VIDEO PROJECTOR



Now a wider audience has access to excellent quality video projection, thanks to the introduction of the new VP-15S1. As a full HD 1920x1080 DLP projector, it fulfils all the demands of the new generation HD media such as HD-DVD, Blu-ray Disc™, and HD satellite TV. It also features the finest video technology from Gennum and the perfect parameters from Marantz. The result? Even non-HD sources such as DVD or TV look like high definition heaven. In addition, the high light output and the flexibility for installation make it a universal projector with an outstanding performance

- True HD DLP® video projector with 1920 x 1080 resolution
- Excellent 1080p performance with over 2 million pixels
- Two HDMI1.3 inputs with 12-bit Deep Color™ support for new HD media such as Blu-ray Disc™ and HD DVD
- New dual cat eye iris system in the light engine and in the lens unit selectable
- Native contrast ratio of over 10000:1 without any dynamic contrast circuitry
- Newly developed 6-segment colour wheel for higher light output up to 1000 ANSI
- Excellent picture quality even in less than completely dark environments
- 10-bit Gennum Video Excellence Processing (VXP™) GF9351 in 4:4:4 mode
- TruMotionHD and FineEdge for the best progressive images
- Reality Expansion for best natural coloured pictures with over 1 billion gradation
- Fidelity Engine for details and clarity
- CEC (Chroma Error Compensation) technology for sharp edges
- 200 Watts DC SHP lamp with 2000 hours lamp life
- Custom made reference setting optics from Konica Minolta
- Wide lens shift range Up 165%, Down 85%
- Sealed optical path and double sealed cabinet structure
- Extensive picture adjustment possibility
- RS232C port, remote bus and trigger for system integration
- Remote control with backlit



HD DLP® Chip

High-Definition video sources are becoming more familiar day by day, thanks to the spread of HD broadcasts and the introduction of next-generation Blu-ray and HD-DVD optical media. To show these sources at their finest, the VP15S1 is equipped with a true HD DLP® chip, newly developed by Texas Instruments.

But to show the full potential of the HD DLP® chip the image processing needed upgrading, that's why we changed the core component in the video circuitry to the latest version of the Gennum processor: the Gennum GF9351. Also, with advanced engineering, we have significantly improved the four aspects of VXP™ technology. The result: high-precision image processing to unleash the power of this tremendously more expressive true HD chip



Outstanding lens performance and high native contrast

The VP15S1 uses custom Konica Minolta optics with high-performance AD (anomalous dispersion) and aspherical lenses, and to prevent excessive glare, all lenses are finished by a multi-coating treatment. You can switch the electronically actuated iris in the projection lens between modes to emphasise either contrast (at F6.0) or brightness (at F3.0). This helps create a high native contrast of 6500:1 at F6.0, so that even in scenes that have mixed bright and dark areas, you experience exceptional, dramatic contrast

Complete *control*

Programmable touch screens, direct access hard buttons, and universal learning technologies. Marantz remote controls enable you to control your AV enjoyment from anywhere in your home. Make the finest of adjustments, and store your personal settings via intuitive interfaces, or program the hand held devices via your PC, to give yourself complete quality control of your premium audio visual experiences

At Marantz we listen to our customers. We listen to their needs for perfect reproduction... and for perfect, but effortless control. That's why we continually upgrade our range of state-of-the-art remote controllers. The most recent addition, the RC9001, is our flagship controller for the more demanding users. It comes with a large colour display and Wi-Fi capability for bi-directional communication. While the new RC3001 provides a highly flexible solution with backlight for easy operation in the dark and IR/RF transmission. Also new is the Marantz RC101, which supports the multi-room feature of our receivers. This controller is also easy to use for all systems (stereo as well as audio/video) with fewer buttons

New



RC9001

PROGRAMMABLE TOUCH SCREEN REMOTE CONTROL



- Flagship colour touch screen remote for the more demanding of users
- Free editable screen for creation of personal user interfaces
- 3.8 inch (9.6 cm) large colour touch screen TFT display (VGA 640 x 480)
- IR & Wi-Fi command transmission
- Customisable by dedicated PC software
- Macro programming possibility under any button
- 100% Editable screen and transparent graphics for easy background integration
- Large 64 Mb non-volatile memory
- 2-way communication for easy control of music server, lighting system or other AV products with RS232C connectivity in combination with RX9001
- USB communication port for PC connectivity
- Rechargeable lithium-ion battery – exchangeable by customer
- Docking station for battery loading and power adapter

RX8001

WI-FI EXTENDER

- Wi-Fi 802.11b/g and/or wired network IR extender
- Full control of hidden system or from a different location – multi-room application
- Plug and Play with RC9001 – Automatic Wi-Fi to IR conversion
- Programmable by webserver (crossover cable – PC to PC)
- 4 x addressable IR ports – power adjustable
- Selectable extender ID for use of several RX8001 in parallel
- 2 x IR emitters cable, 2 x IR mini jack cable and power adapter included
- Compact table-top housing
- Docking station for battery loading and power adapter

RX9001

NETWORK EXTENDER

- Full control over the whole house installation by computer network
- Extremely flexible interface for use of CI specialist in demanding installation
- DHCP and fixed IP supported for flexible network configuration
- Quick and easy set-up
- Advanced connectivity: 4 addressable IR ports, 4 RS232 serial interface, 4 relay outputs, 4 input power sensors, 1 voltage output
- Programmable by webserver (crossover cable – PC to PC)
- Standard 19 inch rack-mountable housing

New



RC3001

PROGRAMMABLE LCD REMOTE CONTROL with RF extender



- Highly flexible remote control with LCD
- Programmable direct access hard buttons and cursor control
- Display and buttons with backlight for easy operation in dark environments
- Macro programming possibilities
- PC editable by sophisticated programming software
- Wide range of learnable IR frequencies up to 455 kHz
- IR / RF transmission capability – RF extender with 6 IR emitter included
- Full control of hidden system or from a different location – multi-room application
- USB communication port for PC connectivity
- Advanced timers
- RX3001 IR / RF extender included
- Rechargeable batteries and power adapter included



RC1400

UNIVERSAL LEARNING SYSTEM CONTROLLER



- LCD read out display
- Multiple display pages and functions with editable labels
- Programmable direct access hard buttons and cursor control
- Macro functionality with a large command capacity
- Clock and timer function
- Ergonomic design
- IR carries frequency from 14 kHz up to 70 kHz
- Blue EL back lighting for LCD and hard buttons
- Pre-programmed with Marantz IR codes
- Build-in universal IR code database
- Clone possibility

New



RC2001

PROGRAMMABLE LCD REMOTE CONTROL



- Highly flexible remote control with LCD
- Programmable direct access hard buttons and cursor control
- Display and buttons with backlight for easy operation in dark environments
- Macro programming possibilities
- PC editable by sophisticated programming software
- Wide range of learnable IR frequencies up to 455 kHz
- IR transmission capability
- USB communication port for PC connectivity
- Advanced timers

New



RC101

LEARNABLE MULTI-ROOM REMOTE CONTROL

- New pre-programmed and learnable remote for multi-room and main room control
- 4 zone modes selectable
- Zone 1, 2 and 3 are available for multi-room application
- Zone 4 is set to control main room key functions
- Easy control of power, input and volume
- Marantz RC-5 / RC-6 pre-coded (instant use)
- Multi-brand pre-coded database for easy adoption of other brands
- Direct learning function for customisation
- Backlit for convenience use in dark environments
- Ergonomic button layout

Hi-Fi *Components*



Extreme indulgence

Almost 50 years ago Marantz introduced the legendary Models 7 and 9, and overnight redefined the standards in audio style, authenticity and quality. Today, these models are still sought after by audiophiles. Not only did they fuse together original circuit design with rational thinking and aesthetic elegance, they also set the direction that audio evolution has taken ever since. Today, the distinctive voices of the Models 7 and 9 are alive and kicking in the stereo control amplifier SC7S2 and power amplifier MA9S2 – for the music connoisseur who simply must have the best in reference-quality 'super audio' fulfilment





New

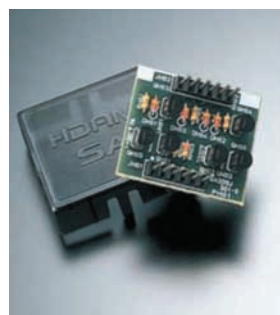
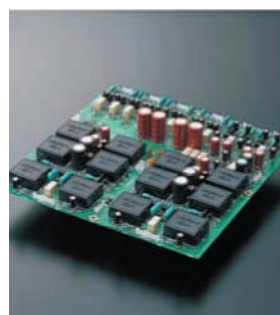
SC7S2

REFERENCE STEREO CONTROL AMPLIFIER



Audiophiles be prepared: the SC7S2 has been completely reworked, revoiced and revamped with new environmental-friendlier materials – and still maintaining a spectacular channel separation of over 100 dB at 20 kHz. It also now has four (instead of two in the 'S1' version) Wolfson electronic volume controls. Combined with an extended high frequency response of up to 150 kHz, this advanced, high-quality pre-amplifier for stereo and multi-channel set-ups provides a super-wide range and high dynamic signal handling. Extended high frequency response as well as channel separation express the true meaning of 'Super Audio'. Unparalleled attention to detail in the design and development of the input and output circuitries, volume control section, power supply circuits, makes the SC7S2 the ultimate, top-rated performer in its class. And of course it is as solid as the SA7S1

- Reference Series full balanced control amplifier
- Built without compromise on material and components
- Ultra wide frequency range (3 Hz - 150 kHz)
- Current Feedback technology for fast and accurate signal handling
- Fully symmetrical circuit layout with over 100 dB channel separation
- Balanced XLR in and out
- Digital high quality linear volume control with 4 x Wolfson WM8816
- New low noise Shielded Toroidal transformer and Shottky barrier diodes
- Choke input system to reduce rectifier harmonic noise
- Rigid multi layer chassis construction with aluminium front and side panels
- Multi-layer solid copper-plated chassis, rear panel and system block shielding
- The Marantz newly developed HDAMs for Super Audio (HDAM SA)
- Floating control bus to control up to 4 x SC7S2 parallel for multi-channel upgrade option
- Bi- (monaural) and triple-amp capability to drive up to 6 x MA9S2 for the highest achievable stereo performance
- New aluminium top remote control with extended functionality



New

MA9S2

REFERENCE MONO POWER AMPLIFIER



The MA9S2 has been completely reworked and revoiced to combine perfect harmony with thrilling dynamism. Most vitally, it provides instantaneous power. Which is important, because whatever the output specification of an amplifier may be, its performance ultimately depends on its ability to deliver current quickly. That's why the MA9S2 gives truly instantaneous current supply, three times that of any other Marantz product. On peak levels the MA9S2 is able to deliver an incredible 150 ampere, making it the ultimate monaural power-amplifier – ideal for driving even the most demanding of speakers with absolute ease

- Reference Series full balanced monaural power amplifier
- Ultra stable power output of 300 Watts at 8 Ohms RMS and 600 Watts at 4 Ohms RMS
- Current Feedback technology for fast and accurate signal handling
- Audiophile 2-stage circuit concept for best signal to noise ratio of 120 dB
- Instantaneous current delivery capability
- Current peak level capability of incredible 150 ampere
- Marantz' newly developed HDAMs for Super Audio (HDAM SA)
- Shielded Toroidal transformer and Shottky barrier diodes
- Choke input system to reduce rectifier harmonic noise
- Ultra low impedance amplifier
- Rigid multi layer chassis construction with aluminium front and side panels
- Multi-layer solid copper-plated chassis, rear panel and system block shielding
- One balanced and two unbalanced inputs (selectable)
- Two low impedance WBT speaker terminals for bi-wiring
- Blue illuminated power meter (switchable)

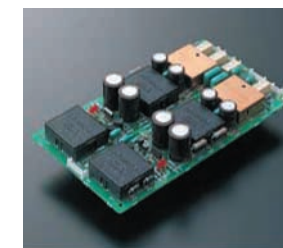
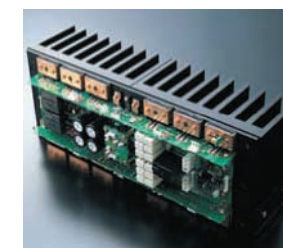
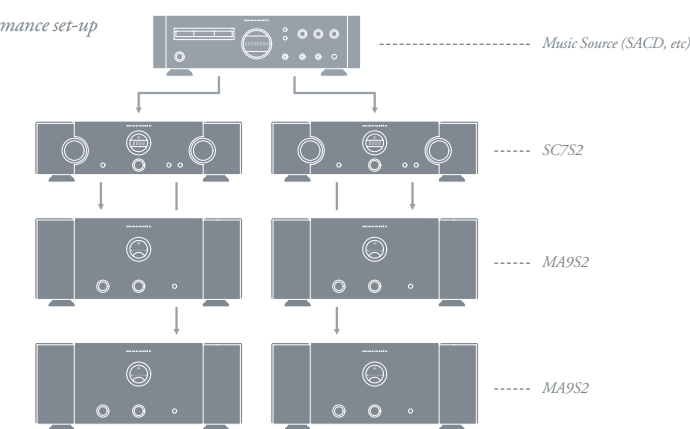


Fig.1 - Ultimate performance set-up



No *Compromise*

The SA7S1 is truly a no-compromise piece of engineering. It is the Marantz flagship Super Audio CD Player and it provides the superb sound quality that the SC7S2 and MA9S2 deserve. It follows the legendary SA1 (1999-2002) and CD7 and incorporates key features from both, retaining the excellent SACD playability and customised digital filter technology for CD players – first seen in the CD7. In addition, because Marantz more than ever is totally committed to unsurpassed quality reproduction we gave the new SA7S1 an unsurpassed treatment in terms of extreme engineering and the utmost attention to detail. As you would expect from such a prestigious piece of work it features a solid base cabinet, large ring transformer, and copper-plating as well as the following three genuine, and important innovations:

MARANTZ INNOVATIVE D2F – DYNAMIC DIGITAL FILTERING

Most audio companies focus on sound modification by selecting and customising electrical components for the analogue part of the player.

They simply accept the DA converter signal and spend most of the evaluation time on tuning the power supply, the analogue filter, and the analogue output stage. Most audio companies have no knowledge of digital filtering and have to use standard solutions – which Marantz believes to be sub-standard for a genuine audiophile player. That's why we have invested extensively in gaining expert knowledge into this crucial part of a CD player: expertise that was first demonstrated with the AX1000 in the early 90s and clearly proven in the CD7 and SA11S1 a few years ago.

Based on our extensive digital filtering leadership, Marantz engineers have optimised and fine-tuned the digital part of the SA7S1. The result is a player with all stages aligned with each other: the Mechanism – Digital Filtering – D/A Conversion – Analogue Output Stage and of course the Power Supply are all in harmony. All working together for the best performance ever.

ISOLOOP® – TOTAL POWER SUPPLY SEPARATION

Have you ever listened to silence? With a SA7S1 player it's possible. Because we keep the digital and analogue power supplies completely separate: high frequencies from the digital signal never influence the sensitive analogue signal, they are even kept separate at ground level.

Like many high-end audio companies today, Marantz began separating the power supplies many years ago. This reduced the impact of the digital part with the high frequencies switching noise to the analogue part. But there was still a connection left – the ground potential. For decoupling, optical couplers were simply too slow. That's why Marantz has searched for a superior solution and found a Swiss company offering a new system called IsoLoop®. Based on GMR (Giant Magneto-Resistive) materials, IsoLoop easily handles the very high frequencies of SACD. So it fits naturally in the no-compromise SA7S1 to totally separate digital and analogue. The result is that high frequencies from the digital part never influence the sensitive analogue signal – even at ground level. No modulation to the pure audio signal. The signal is free from any digital distortion. All of which means that, when there is no music, there is no signal from the digital section. It is completely separated.

Have you ever listened to silence? You can now.

NEWLY DEVELOPED ORIGINAL DISC LOADING MECHANISM

As proven by our digital filtering technology: when the market is short in top-quality solutions our engineers develop their own. That's why we developed the Marantz mechanism SACDM-1 (Super Audio Compact Disc Mechanism 1). Its die-cast construction uses micro precision metals to guarantee the best and cleanest data read-out ever, even on the high speed rotating SACDs. The metal tray is coated with a non-reflecting material to prevent light reflection, which may trouble the laser light. And thanks to the solid-as-a-rock metal body there is no chance of vibration influence. Only supreme, pure digital signal will emerge to feed the digital filters and the D/A converters. We proudly present you the ultimate sound machine. Because music matters



SA7S1

REFERENCE STEREO SACD PLAYER



The SA7S1 Super Audio CD Player has launched integration into new heights of stunning, reference-quality excellence. Perfect harmony with the other sections of this integrated player is ensured by our highly advanced D2F – Dynamic Digital Filtering technology, which use the Marantz own filter characteristic. The result is the most detailed and dynamic reproduction ever heard. In addition, and unique to Marantz, is our full separation of digital and analogue sections, this not only separates the digital and analogue power supplies but separates them at ground level as well – thanks to the new GMR (Giant Magneto Resistor) technology – completely avoiding any influence of digital noise on the sensitive analogue. Further options are external clock input and digital phase inverting. And because the whole unit is as 'solid as a rock', with a metal tray disc mechanism, copper-shielded chassis, high-grade power supply and best-in-class components, this player represents absolute uncompromising quality, designed, engineered and created for the uncompromising ear

- Reference Series Audiophile Super Audio CD player
- Marantz exclusive D2F – Dynamic Digital Filtering
- Marantz own filter characteristic makes standard CD sound almost SACD quality
- Three exclusive digital filter characteristics selectable for different tastes
- Switchable DC filter and switchable Noise Shaper for additional fine-tuning
- Newly developed full metal original disc loading mechanism
- Grounding for digital and analogue section fully separated by GMR technology
- Low Jitter internal clock system
- External clock input and digital phase inverter
- Fully balanced signal handling with dedicated digital to analogue converters
- Toroidal transformer for stabile power delivery
- Choke input to reduce rectifier harmonic noise
- Copper-plated chassis, rear panel and system block shielding
- Rigid double layer chassis construction with aluminium front and side panels
- Balanced XLR and gold-plated RCA output terminals
- Low noise LCD
- Aluminium top remote control with Marantz amplifier control



Sep 2007



Sep 2007



Sep 2007

Enhanced *musicality*

In the long search for the perfect hi-fi, the Marantz philosophy is simple: to maintain the purity and integrity of the original signal at all times. This, we believe, is the only route to achieving true hi-fi sound quality.

At Marantz we believe music should be heard as originally intended by the artists, composers, and performers we admire. So when we design Premium Amplifiers, we begin by shortening signal pathways to minimise the possibility of distortion. Even our signal switches are built to audiophile specification with high quality contacts and electronic relay switched input circuitry, all in a sealed and dust-free environment. Power supplies are highly specified, using only top quality components. Left and right signal paths are symmetrical to ensure perfect imaging across the stereo field. Even the heatsinks are separated to minimise channel crosstalk. Thus, Premium Amplifiers deliver a broad and accurate soundstage, with each instrument perfectly focused in its position in the stereo picture.

We believe musical expression is at the heart of our search for perfect hi-fi. That's why we design Premium components to deliver the truest possible rendering of musical dynamics. A Linear Drive Power Supply (LDPS) works in conjunction with current feedback amplification to act as a limitless reserve of power for Premium-Series Amplifiers. With this depth of power, even the most extreme dynamic moments are delivered with perfect expression.

Premium-Series Amplifiers are built to respond to the steepest signal attacks with incredible speed and accuracy, so none of the subtleties in the ebb and flow of the music are lost. The short, symmetrical signal paths and discrete surface-mount components of Marantz's own Hyper Dynamic Amplifier Modules (HDAM) make them superior to traditional integrated circuit Op-Amps – which have a poorer slew rate and are too-slow-acting to deliver the audio signal's transient character faithfully.

Premium-Series Amplifiers encapsulate perfectly our determination to achieve the highest possible quality audio performance





New

SC11S1

PREMIUM STEREO CONTROL AMPLIFIER



In developing the SC11S1 Marantz engineers took as much as possible from the Reference Series SC7S2. For example, the full balanced layout in-current feedback technology was applied, guaranteeing excellent signal integrity. Then the Wolfson high linear electric volume control and the new version of small signal amplifier HDAM – specially developed by Marantz – were added. The unit now incorporates the HDAM-SA2, which guarantees precision high-speed signal handling over a wide frequency range. It also uses high precision Melf resistors to minimise tolerances – essential for audio integrity. While the high quality in-current feedback phono amplifier for the MM/MC system makes external phono amplifier obsolete. And for advanced systems the floating control bus allows bi-amp and multi-channel set-ups. It all adds up to a scintillating audio experience with crystal clear transparency

- Full balanced current feedback control amplifier
- Technologies derived from the Reference Series SC7S2
- Fast, accurate signal handling for up to 100 kHz and higher
- Digital high quality linear volume control with Wolfson WM8816
- New Toroidal transformer with shield case and very low impedance
- HDAM SA2: High speed amplifier module with new high precision Melf resistors
- Current feedback MM/MC phone EQ for best vinyl performance
- Current feedback headphone driver (full balance input signal)
- High speed line input buffers keeping the full integrity of the source signal
- Customised 'Blue Cap' film capacitors used in SC7S2 and MA9S2
- Wide range on connectivity including two times XLR
- Full balanced XLR and additional RCA pre out
- Floating Control Bus System for Bi-Amp or Multi channels set-up
- Heavy, 5 mm thick, copper plated aluminium top lid and aluminium die-cast feet
- Trigger out to remote control the SM11S1 on and off switching
- New aluminium top remote control with extended functionality



New

SM11S1

PREMIUM STEREO POWER AMPLIFIER



The new SM11S1 is powerful. Very powerful. That's because it takes as much as possible from the highly acclaimed Reference Series MA9S2. The result? A powerful, highly dynamic stereo main amplifier, offering an open, transparent, and precision sound.

As you would expect, this current feedback technique amplifier can easily handle demanding loudspeakers. For extreme set-ups, the bridge mode (BTL mode) can convert the stereo amplifier SM11S1 to a 400 W mono amplifier. The two-stage circuit construction (voltage amplification first to increase audio signal, buffer amplification second to ensure high current delivery) guarantees an excellent signal to noise ratio and the full control of any speaker. Thanks to the adjustable gain factor the SM11S1 can also upgrade the PM11S1 integrated amplifier, creating an excellent bi-amp system set up. Switching on/off can be remote controlled via a DC trigger from SC11S1 or other sources. Prepare to be exhilarated to a scintillating audio experience with crystal clear transparency

- Stereo power amplifier in-current feedback technology
- Technologies derived from the Reference Series MA9S2
- Ultra stable power output of 2 x 100 Watts at 8 Ohms and 2 x 200 Watts at 4 Ohms rms
- In monaural mode – Bridge Mode (BTL) – up to 1 x 400 W at 8 Ohms
- Fast and accurate signal handling for signals up to 100 kHz and higher
- Audiophile 2-stage circuit concept with voltage and power buffer amplifier stages
- Instantaneous current delivery capability
- Gain factor selectable 17.5 dB / 23 dB / 29.5 dB – can be used to upgrade PM11S1
- HDAM SA2: High speed amplifier module with new high precision Melf resistors
- High speed input buffers keeping the full integrity of the signal
- Customised "Blue Cap" film capacitors used in SC7S2 and MA9S2
- Large Toroidal transformer with anti magnetic aluminium shield case
- Output level meter in low noise LCD technology – 3 digit per channel
- Each one stereo balanced XLR and stereo unbalanced input
- Two pair low impedance WBT speaker terminals for bi-wiring
- Heavy, 5 mm thick, copper plated aluminium top lid and aluminium die-cast feet
- DC trigger for remote on/off switching



PM11S1

INTEGRATED STEREO AMPLIFIER



The PM11S1 has a massive energy reserve to drive even the most difficult speakers with ease – thanks to its newly developed low-impedance, wide-bandwidth power supply.

In addition, the copper-plated chassis and rear panel minimise signal-degrading electromagnetic interference, whilst the rigid chassis and solid aluminium case virtually eliminate mechanical vibration. Inside, the 3-stage construction keeps the power supply, the pre-amplifier and the amplifier completely separate to ensure absolute system integrity. For true clarity, only the shortest possible signal paths are used, while independent left and right heatsinks eliminate cross-channel interference. The PM11S1 gives you extraordinary stereo sound quality, and by chaining up to four PM11S1s, with our Floating Control Bus, it delivers an exceptional multi-channel experience.

Furthermore a bi-amping possibility offers an extraordinary channel separation and best sound image by using two PM11S1s. In total, the PM11S1 is a totally no-compromise unit that will leave you breathless

- Full discrete Current Feedback amplification
- Ultra stable power output of 2 x 100 Watts at 8 Ohms RMS and 2 x 200 Watts at 4 Ohms RMS
- High quality linear volume control with dual Wolfson WM8816
- Massive shielded Super Ring transformer and Customised Components
- Choke input power supply to reduce rectifier harmonic noise
- Three-stage amplification construction
- Short discrete circuit architecture with symmetrical layout
- Balanced input and fully balanced signal handling up to speaker terminal
- Marantz Current Feedback HDAMs
- Floating Control Bus for audiophile multi-channel, vertical and horizontal bi-amping capability
- MM / MC phono stage with Current Feedback technology
- Rigid double layer chassis construction with aluminium front and side panels
- Copper Plated chassis, rear panel and system block shielding
- Tone control and Source Direct function
- Low noise inverted LCD
- Blue illumination (switchable)
- Aluminium top system remote control



PM15S1

INTEGRATED STEREO AMPLIFIER



Built according to the new Premium Series design guidelines the PM15S1 has a 3-stage construction to ensure absolute system integrity. It includes full Current Feedback and new HDAM-SAs for dynamic sound and perfect stereo imaging. For true clarity, only the shortest possible signal paths are used, utilising the best components available, while independent left and right heatsinks eliminate cross-channel interference. To further enhance signal performance, the solid chassis construction and an additional bottom plate minimise external noise. Precision linear volume control is provided by the Wolfson WM8816, next to a top quality Current Feedback MM / MC phono stage. By chaining up to four PM15S1s, with our Floating Control Bus, it delivers an exceptional multi-channel experience. Furthermore an bi-amping possibility offers an extraordinary channel separation and best sound image by using two PM15S1s. A true completion on a magnificent amplifier

- Full discrete Current Feedback amplification
- Power output of 2 x 90 Watts at 8 Ohms RMS and 2 x 140 Watts at 4 Ohms RMS
- High quality linear volume control with Wolfson WM8816
- Shielded Toroidal transformer
- High-grade audio components
- Three-stage amplification construction
- Symmetric circuit architecture with system block shielding
- Short discrete circuit architecture
- Marantz Current Feedback HDAMs
- Floating control bus for audiophile multi-channel, vertical and horizontal bi-amping capability
- MM/MC phono stage with current feedback technology
- Rigid double layer chassis construction with aluminium front and side panels
- Tone control and Source Direct function
- WBT speaker terminals
- Low noise inverted LCD
- Blue illumination (switchable)
- Aluminium top system remote control



KI Signature Products

The KI Signature Series, by audio guru Ken Ishiwata, is synonymous with exceptional sound quality and ultra-fine electronics.

Each KI Signature model receives Ishiwata's personal attention, beginning with experimenting with alternative components, seeking to attain maximum potential and reproduction perfection, regardless of cost.

The result is a truly no-compromise masterpiece – an icon of perfection.

"It's worth it," says Ishiwata, "Because music matters."



PM7001 KI

INTEGRATED STEREO AMPLIFIER



KI Signature version of the PM7001

- 2 x 70 Watts (8 Ohm RMS) power amplification
- Power stage with Current Feedback technology for fast signal handling and extended frequency range
- Toroidal transformer
- Customised audio components
- Copper-plated chassis and back panel
- Marantz Current Feedback Hyper Dynamic Amplifier Modules HDAM-SA2
- Symmetric circuit architecture
- Linear Drive Power Supply
- Source Direct function for best sound quality
- Tone control
- Pre Out / Main In connectivity
- Six audio inputs including phono (MM)
- Full recording out selector
- Two pair of speaker output – A/B
- System remote control and Marantz D-Bus



WHAT HI-FI?
SOUND AND VISION



Jul 2006



Best Integrated
Amplifier

PM7001

INTEGRATED STEREO AMPLIFIER



- 2 x 70 Watts (8 Ohm RMS) power amplification
- Power stage with Current Feedback technology for fast signal handling and extended frequency range
- Marantz Current Feedback Hyper Dynamic Amplifier Modules (HDAM-SA2)
- Symmetric circuit architecture
- Linear Drive Power Supply
- High-grade audio components
- Source Direct function for best sound quality
- Full recording out selector
- Six audio inputs including phono (MM)
- Tone control
- Pre Out / Main In connectivity
- Two pair of speaker output – A/B
- System remote control and Marantz D-Bus



WHAT HI-FI?
SOUND AND VISION



Jan 2008

BEST BUY
HI-FI CHOICE
magazine

Dec 2007

PM6002

INTEGRATED STEREO AMPLIFIER



- Latest integrated amplifier from the Marantz audio product development department
- 2 x 45 Watts RMS power amplification
- Low impedance Toroidal transformer for instantaneously current delivery capability
- Power supply with 2 x 10000 mF customised main capacitors and Shottky diodes
- Customised audio components for best balanced audio
- Music reproduction close to original recording
- Fully symmetrical circuit architecture
- Source Direct function for best sound quality to bypass tone control
- Two pair of heavy gold-plated speaker terminals – output A/B
- Six audio inputs including phono (MM) and full recording out selector
- Headphone output
- Solid metal front panel and rigid chassis construction
- Dedicated remote and Marantz D-Bus



WHAT HI-FI?
SOUND AND VISION



Jan 2006

WHAT HI-FI?
SOUND AND VISION



Mar 2007

PM4001

INTEGRATED STEREO AMPLIFIER



- 2 x 40 Watts (8 Ohm RMS) power amplification
- Solid metal front panel and rigid chassis construction
- Symmetric circuit architecture
- High-grade audio components
- Full recording out selector
- Tape monitor function
- Tone control
- Source Direct function
- Two pair of speaker output – A/B
- Six audio inputs including phono (MM)
- Headphone output
- System remote control and Marantz D-Bus



SR4021

STEREO RECEIVER



This stereo receiver is built to the highest standards and expertly finished. Incredible attention to detail and no compromise construction ensures they faithfully capture the excitement and emotion of your kind of music. The SR4021 is the pure high performance stereo receiver, with an RDS tuner with FM/AM reception, 30 random presets and a powerful 2 x 80 Watt stereo amplifier at its heart. The phono MM preamplifier makes it easy to connect a turntable. Its extensive AV switching capabilities and the speaker A/B feature make it a true centre piece of your stereo system. The metal chassis and solid metal front panel provide a rigid base for high quality performance

- 2 x 80 Watts (8 Ohm RMS) power amplification
- RDS FM/AM tuner with 30 random presets
- Solid metal front panel and rigid chassis construction
- Symmetric circuit architecture
- Separate solid heatsinks
- Tone control and Source Direct function
- Pre-output and main-input for upgrade possibilities
- Eight audio inputs including Phono (MM)
- Video switching via three audio / video inputs and a monitor output
- Sleep and timer function
- Speaker A/B
- Flasher In for system integration (direct connection to RX8001)
- System remote control and Marantz D-Bus



SR4021



*Cute size,
surprising performance*

High fidelity stereo is now available in an integrated compact system with tuner, amplifier and CD player in one compact box. Advanced functionality, such as DAB and MP3 playback, perfectly complements top-quality sound and superb performance. A fabulous audio experience that also saves space



CR401

CD-RECEIVER



- High quality CD receiver system
- 2 x 30 Watts (6 Ohm RMS) discrete power amplification
- Stereo FM and AM reception
- RDS function with station name and radio text indication
- Solid metal front panel and rigid chassis construction
- Easy to use button layout on front panel operation
- High quality playback of almost any 12 cm disc including CD, CD-R/RW
- MP3 playback including text information
- Clock and Sleep timer function
- Headphone output
- Tone control and source direct function
- 3 line in and 2 line out plus digital optical output
- Subwoofer pre-out
- Dedicated remote control and Marantz D-Bus

Closer to perfection *with Super Audio*

Be amazed by the quality of Super Audio CD (SACD), a new digital reproduction technology that delivers truly live-sounding music.

The unrivalled depth, detail and realism come staggeringly close to an actual performance. It injects such a sensation of spaciousness, you feel like you're actually there. SACD combines digital speed and accuracy with analogue warmth and musicality.

ENJOY A REALISTIC LIVE SOUND WITHOUT EVEN LEAVING YOUR ARMCHAIR!

A natural, involving performance SACD is based on Direct Stream Digital (DSD) encoding a one-bit recording process which faithfully converts digital data directly into analogue sound. By bypassing a whole stage in the traditional digital recording and playback process – in which analogue signals are converted into digital data and then back again – it avoids digital filtering which is a potential source of noise and interference in conventional CD systems.

An unprecedented high sampling rate of 2.8224 MHz is another factor contributing to SACD's extra performance. That's 64 times greater than conventional CD, and means much more detail is captured across a wider frequency (100 kHz against CD's 20 kHz) range. SACD's dynamic range far exceeds anything that's gone before, reaching 120 dB within the range of human hearing. The net result is more depth, breadth and fine detail so music sounds natural and emotionally involving.

FORWARD AND BACKWARD COMPATIBLE

Thanks to forward and backward compatibility of the SACD format, you can continue to enjoy your CD and CD Recordable. You can even begin your collection of SACDs before you invest in a SACD player. The 'hybrid' SACD discs also contain a dedicated layer for conventional CD formats so you can play them on existing CD players.

Marantz Multi-Channel SACD Players produce realistic sound using five loudspeakers and an optional subwoofer.

Quality touches like solid metal case, copper-plated rear panel and isolated internal circuit blocks. Dual HDAM is employed at the output stage, which far outperforms integrated Op-Amps in terms of responsiveness to music's dynamic surges and steep signal attacks.

Engineered to meet the goal of reproducing the magic of a pure performance, the SA11S2 and SA15SI are part of the Marantz Premium Series; the highest achievement of Marantz designers and engineers. Marantz Super Audio CD Players are based upon the Direct Stream Digital (DSD) information storage format. DSD ensures the highest quality in digital to analogue conversion.

They are equipped with uniquely selected components – delivering the dynamics, depth and sonic accuracy of the original sound stage. It's all about experiencing music as the artist intended, with the purest, most realistic music for your environment



New

SA11S2

STEREO SACD PLAYER



Once again, Marantz engineers have used the successful technologies of the Reference Series to create an equivalent in the Premium Range. This time technologies from the SA7S1 have been applied to create the new SA11S2. Most notably, the latest digital filtering parameters are now used to create reference-quality playback – making standard CDs sound like SACDs. The new die-cast mechanism is also derived from the SA7S1, to guarantee crystal-clear data readout. While the 5 mm thick aluminium top lid and aluminium die-cast feet add reference-quality stability. Marantz engineers also added the digital phase inversion and the external clock input, providing additional fine-tuning and upgrade options. The result? Sustained signal integrity, original sound stage reproduction, unsurpassed rhythmic intensity, and a quality of dynamics and pace more usually associated with the recording studio

- Second generation audiophile Super Audio CD and CD player of 11-Series
- Technologies derived from the Reference Series SA7S1
- New modified die-cast loading mechanism derived from the SA7S1
- Heavy, 5 mm thick, copper plated aluminium top lid and aluminium die-cast feet
- Marantz exclusive D2F – Dynamic Digital Filtering
- Marantz own filter characteristic makes standard CD sounds almost like SACD
- High grade DSP technology able to handle the 8 x over sampled CD data stream
- Three exclusive digital filter characteristics selectable – same as SA7S1 – for different tastes
- Switchable DC filter to cancel offsets on older CDs
- Switchable Noise Shaper for additional fine tuning
- HDAM SA2: High speed amplifier module with new high precision Melf resistors
- Shielded Toroidal transformer for stable power delivery
- Low jitter high precise internal clock system
- Additional external clock input and digital phase inverter
- Copper-plated chassis, rear panel and system block shielding
- Rigid double layer chassis construction with aluminium front and side panels
- Balanced XLR and gold-plated RCA output terminals
- Low noise LCD
- Aluminium top remote control with Marantz amplifier control



SA15S1

STEREO SACD PLAYER



The SA15S1 creates the full magnificence of the SACD format providing reference quality CD reproduction, and further proves that CD player integration need not degrade audio quality. The cabinet is built according to the Marantz premium design guidelines and the working mechanism has a black surface to prevent laser light distortion. For further sound improvements the CS4397 D/A converter is serviced with an ultra-high precision system clock to eliminate jitter distortion. The output stage has in-current feedback topology with the HDAM modules offering a high bandwidth and fast signal handling needed for pure audiophile playback regardless of the format. All of which makes the SA15S1 a truly exquisite component

- Audiophile SACD (stereo) and CD DA player
- High precision 'Super' Audio D/A converter CS4397 from Crystal
- High performance system clock to reduce jitter to the minimum
- Short symmetric discrete circuit architecture
- The Marantz Current Feedback Hyper Dynamic Amplifier Modules (HDAM)
- High grade customised components
- Zero-Impedance Matching Joint for best signal to noise ratio
- Gold plated RCA output terminals
- Dedicated top grade headphone circuitry with a fast Current Feedback circuitry
- Rigid double layer chassis construction with aluminium front and side panels
- Low noise LCD display
- Blue illumination (switchable)
- Aluminium top remote control with Marantz amplifier control
- Marantz D-Bus



KI Signature Products

The KI Signature Series, by audio guru Ken Ishiwata, is synonymous with exceptional sound quality and ultra-fine electronics.

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The result is a truly no-compromise masterpiece – an icon of perfection.

"It's worth it," says Ishiwata, "Because music matters."



SA7001 KI

SACD PLAYER



- KI Signature version of the SA7001 SACD (stereo) and CD-DA player
- Toroidal transformer
- Customised Components
- Copper Plated chassis and back panel
- Audiophile D/A conversion via the CS4397 'Super DAC'
- Marantz Current Feedback Hyper Dynamic Amplifier Modules (HDAM)
- Dedicated power supply circuits for system blocks
- Zero impedance matching joint
- Symmetric discrete circuit architecture
- Gold-plated outputs for best connectivity
- Display off function to minimise high frequency noise interference
- High quality headphone fast current buffer output
- Quick replay
- Dedicated remote control and Marantz D-Bus



SA7001

SACD PLAYER



- SACD (stereo) and CD DA playback
- Audiophile D/A conversion via the CS4397 'Super DAC'
- Marantz Current Feedback Hyper Dynamic Amplifier Modules
- Dedicated power supply circuits for system blocks
- High grade audio components
- Zero impedance matching joint
- Symmetric discrete circuit architecture
- Gold-plated outputs for best connectivity
- Display off function to minimise high frequency noise interference
- High quality headphone fast current buffer output
- Quick replay
- Dedicated remote and Marantz D-Bus

New



CD6002

CD PLAYER



- Latest CD-Player from the Marantz audio product development department
- Compatible with CD DA and CD-R/RW discs
- Playback of MP3 and WMA files
- CD-Text on front panel display
- High quality DA conversion with CS4398
- Audio circuit with Marantz HDAMs derived from SA15S1
- Customised audio components for best balanced audio
- Oversized transformer for stable power supply
- Display off function to minimised high frequency noise interference
- Gold-plated stereo audio out and coaxial digital out RCA sockets
- Headphone circuit with high speed audio buffer amplifier
- Solid metal front panel and rigid chassis construction with heavy metal plate
- Dedicated remote and Marantz D-Bus



Best Buy Dec 2007



Oct 2007



Best Buy Jan 2008



CD5001

CD PLAYER



- Compatible with CD-DA and CD-R/RW discs
- Solid metal front panel and rigid chassis construction
- CD-Text on front panel display (when available)
- Multi-bit D/A conversion via CS4392 DAC
- High-grade audio components
- Display off function to minimise high frequency noise interference
- Headphone output
- Digital coaxial and optical outputs
- Auto Music Scan
- Pitch control
- Dedicated remote and Marantz D-Bus



Jan 2006



CC4001

CD CHANGER



With a five-disc carousel, fully programmable playback plus random, repeat and scan modes, the CC4001 CD changer provides endless combinations of non-stop music. Its multi-read drive plays CD-R, CD-RW and MP3 discs, as well as conventional CDs. The CC4001 features Digital Servo Drive for accurate reading and fast track access. Both Coaxial digital and optical outputs are provided for making digital recordings. A 1-bit DAC with 8-times oversampling preserves audio purity. The D-Bus takes care of synchronised recording in a Marantz system, while a built-in RS232C port and discrete coding enable system control

- Five disc CD changer with fast disc access
- Compatible with CD and CD-R/RW discs
- MP3 playability
- Multi-bit D/A conversion via CS4392 DAC
- Thick aluminium front panel
- Stable low resonance mechanism mounted on solid metal chassis
- Headphone output with adjustable volume
- Digital coaxial and optical outputs
- Auto Music Scan
- Random and program play
- RS232C and Flasher In ports for system integration
- Dedicated remote with direct disc access and Marantz D-Bus



SD4051

DUAL CASSETTE DECK



The auto-reverse twin-deck design allows continuous play and record from one loaded tape to another. Profiled combination heads and anti-resonant front panel ensure faithful reproduction by the SD4051 with wide dynamic range and minimal wow and flutter. Peak level read-out, fine bias tuning and synchro start of tape and CD ensure accurate and professional style home recordings

- Twin auto reverse cassette deck
- Super-hard permalloy heads
- Automatic tape selector
- Dolby B and HX Pro
- MPX filter
- High-speed dubbing
- One touch recording
- Fine bias tuning possibility
- Synchronised recording with Marantz CD players
- Pitch control
- Marantz D-Bus for synchrony recording only
- IR-receiver built in



New

ST15S1

TUNER



For the audiophile purist, the ST15S1 DAB and FM tuner has arrived. The ST15S1 includes the unique Gyrotouch: Marantz's highly popular horizontal rotary selector, first introduced in the '70s, and now reserved for only the best-of-the-best. The ST15S1 also includes immaculate power supply regulation, easy tuning, and high-quality audio DAC. Stereo radio has never sounded so good

- Audiophile dual band DAB and FM Tuner
- Marantz unique Gyro Touch tuning
- Automatic tuning for easy radio channel installation
- DAB Band III and Band L
- Stereo FM and MW reception
- High quality 192 kHz / 24-bit audio DAC
- High grade audio components for finest sound quality
- Gold-plated RCA output terminals
- Optical and Coaxial digital output
- Optical RDI (Radio Data Interface) output
- Radio Data System (RDS) function on FM for extended information
- Solid aluminium front panel and rigid chassis construction
- Two hundred presets across all wavebands
- Blue illumination (switchable)
- Full control via remote of PM11S1 and PM15S1



ST7001

TUNER



- Band III, Band L, Stereo FM and MW reception
- 192 kHz / 24-bit audio DAC
- High grade audio components
- Optical and Coaxial digital output
- Optical RDI (Radio Data Interface) output
- Radio Data System (RDS) function
- Jog-shuttle control
- Solid metal front panel and rigid chassis construction
- Manual station name input
- Two hundred presets across all wavebands
- Sleep and timer function
- Dedicated remote control and Marantz D-Bus



ST6001

TUNER



- Drift-free stereo FM, MW and LW reception
- Radio Data System (RDS) function
- Dual gate MOS-FET front end
- Solid metal front panel and rigid chassis construction
- High grade audio components
- IF bandwidth selector
- Two FM antenna inputs
- Manual station name input
- 60 presets across all wavebands
- Display dimmer (via external RC)
- Sleep and timer function
- Marantz D-Bus



TT15S1

TURNTABLE

Fulfilling numerous requests from analogue aficionados, Marantz developed the TT15S1 premium turntable. With acrylic resin chassis, solid aluminium feet, magnetic anti-skating, ceramic bearings, and continuous silicon belt, it delivers top-class performance and uninterrupted listening pleasure. The TT15S1 also includes the Marantz exclusive MM system in a stylish ebony body, so it is pleasing to the eye as well as the ear. Its anodised arm has been optimised to partner the unit perfectly, while the high-grade audio interconnect is directly fixed to the system. And, with a design that matches all other products in the Premium Series, it represents the ultimate addition to any audiophile's Marantz home audio system

- Acryl chassis with heavy massive aluminium feet
- Minimised chassis resonances
- Chassis and feet shape matching to the new Premium design
- Very tight platter tolerances to guarantee rotational accuracy
- 3 cm thick heavy acryl platter
- Ceramic bearing in polished sinter bronze cap
- Endless silicon belt
- Motor dampened and isolated from chassis to prevent any vibration influence
- Marantz exclusive MM system in ebony body
- Anodised arm optimised to the system
- Direct fixed, high grade interconnect of OFC copper with RCA plugs
- Contact-free magnetic anti skating system
- Fine adjustable counterweight
- System pre-installed to assure easy set up
- Clever Clamp for better contact of disc to platter
- Black platter felt



TT42 / TT42PA

TURNTABLE

- Full automatic turntable system
- Low noise design direct coupled DC servo motor
- Belt-drive system
- Low coloration tone arm
- Full floating chassis
- Full automatic end-of-side arm lift
- Manual start and cue control
- Two speed selection
- Ready fitted MM cartridge
- Tone arm support with arm lock
- Transparent dust cover
- Available as TT42PA which includes an in-built phono pre-amp designed for amplifiers, receivers or home theatre receivers without a phono preamp input

An iPod docking station with *universal appeal*

The iPod has become an integral part of peoples' lives, gaining iconic status along the way. The nifty new IS201 docking station for iPod from Marantz makes the most of the iPod experience, with any home cinema or hi-fi system, and is completely backwards compatible. Thanks to a raft of connections and a unique, self generated on-screen display, the IS201 offers incredible compatibility and complete control. An ease-of-use IR remote handset lets you control the device from across the room.

The IS201 docking station has been specifically designed to expand and enhance your enjoyment of the music and video libraries into your living room. It lets you listen to the music through full size speakers and watch videos and view photo albums on the screen of your choice. The IS201 connecting block offers numerous connection options. Analogue audio outputs for clear sound and S-Video quality output for connecting to either an AV receiver or from another Marantz product. The IS201 can be used as an IR repeater for use either in a Multi-room or hidden set-up as the main point of control. A RX7001 RF extender plugged into the IR flasher input allows control away from the unit or a RS232C port for control with an AMX, Crestron or PC system



IS201

DOCKING STATION FOR IPOD



- Docking station for iPod
- Compatible with iPod nano, iPod video, iPod mini, iPod photo and iPod (10 GB, 15 GB, 20 GB, 30 GB, 40 GB, 60 GB)
- S-Video out and stereo audio out
- Creates own OSD information on TV set for ease of use
- Connection to each brand product possible
- Connection case separate from cradle to alleviate cable clutter
- Cradle can be desktop placed or wall mounted
- iPod will be charged while docking; power adapter included
- Ease of use by dedicated remote control
- Full controllability via Marantz learning remote
- Multi-connectivity: RC-5 remote in/out; flasher in (RX8001); RS232
- Built-in infra-red (IR) receiver so can be used as IR repeater for Multi-room or custom installations

Please note: Important information when using this product with the Apple iPod Nano Video or Apple iPod Classic.

The iPod Nano Video and the iPod Classic provide a video output of a type which is not compatible with the IS201. Both models use a new, different video output and have been made after the IS201 was designed and manufactured. The 'Video' output setting ('On/Off/Ask First') on an iPod Nano Video or iPod Classic cannot be accessed whilst inserted into the IS201 dock.

Please note that the audio output and on-screen menu display (for track listings, playlists, etc) is fully compatible with the IS201.

The Marantz IS201 iPod dock is designed to be fully compatible (audio, video and on-screen menu display) with the following Apple iPod models:

- iPod Video (5th generation)
- iPod Nano (1st & 2nd generations)
- iPod U2 edition
- iPod Mini
- iPod Photo (4th generation)
- iPod with Click wheel (4th generation)
- iPod with Touch wheel (3rd generation)

Distributed Audio System *in your home*

ZS5300

MULTI-ZONE CONTROL AMPLIFIER

Specifically designed as a simple solution for those who want to extend high quality audio from their main listening room to rooms in the home, the ZS5300 brings Marantz excellence to the distributed audio category, with a full 60 W RMS output from each of its six channels. It will direct up to three separate sources to three different rooms or zones. Need even more coverage? Simply use up to three ZS5300s for nine-zone capability. Party Mode lets you send the same signal throughout your home. You'll find front panel source and zone status indicators. And 'pass through' pre-amp outputs so you can add a more powerful amplifier if needed. An RC-5 remote connection, local input capability, and 12 V 'trigger' outputs complete the list of custom-friendly features. Sound quality? Well, suffice it to say that 'Custom Retailer', an influential magazine serving professional installers, said that the ZS5300 had the "speed and clarity" of our famous MA500 monoblock amplifiers and delivered a "sense of authority that is missing from lesser amps designed for Multi-room use."

- 6 x 60 W (All Discrete Amplifier Section)
- Identical Audio Circuits for all 6 Channels
- Matrix Audio Selector
- Multiple Zone / Source Indicators
- Connection for up to 3 Source Components
- 3 Independent Zones (rooms)
- Expandable to 9 Independent Zones
- Party mode
- Dedicated Pre-out connection
- DC Trigger output connections with status
- RC-5 connections
- Remote Control



Zone 1 - Bedroom



Zone 2 - Kitchen



Zone 3 - Outside Area



ZS5300

AV Receivers

	SR6000	SR8002	SR7002	SR6001	SR5002	SR4002	SR3001	SR301
SURROUND								
THX Ultra II / Select II / THX Surround EX	●/-/●	-/●/●	-/●/●	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-
HT-EQ / Re-EQ	-/-	-/-	-/-	●/-	●/-	●/-	●/-	-/-
DTS: HD Master Audio / HD High definition Audio / 96/24 / ES / 5.1 / Neo:6	-/-/●/●/●/●	●/●/●/●/●/●	●/●/●/●/●/●	-/-/●/●/●/●	-/-/●/●/●/●	-/-/●/●/●/●	-/-/●/●/●/●	-/-/-/-/●/-
Dolby Digital: TrueHD / Plus / EX / 5.1	-/-/●/●	●/●/●/●	●/●/●/●	-/-/●/●	-/-/●/●	-/-/●/●	-/-/●/●	-/-/-/●
Dolby: ProLogic IIx / ProLogic II / ProLogic	●/●/●	●/●/●	●/●/●	●/●/●	●/●/●	●/●/●	●/●/●	-/●/●
HD 7.1 PCM 24 bit / 96 kHz decoding for Blu-ray Disc™	●	●	●	●	●	●	-	-
Circle Surround II / Neural Surround	●/-	●/●	●/●	●/-	●/-	●/-	●/-	-/-
Virtual Surround / Multichannel Stereo	●/●	●(Dolby VS)/●	●(Dolby VS)/●	●(Dolby VS)/●	●/●	●/●	●/●	-/-
Dolby Headphone / TruSurround Headphone	●/-	●/-	●/-	●/-	●/-	●/-	-/●	-/-
SOUND ENHANCEMENTS								
Current Feedback topology	●	●	●	●	-	-	-	-
Power Transformer: Super Ring / Toroidal / EI	-/●/-	-/●/-	-/-/●	-/-/●	-/-/●	-/-/●	-/-/●	-/-/●
Pure Direct	●	●	●	●	●	●	●	●
High grade audio components	●	●	●	●	-	-	-	-
Bi-amp drive (5.1 channel setting) / Speaker C	●/●	●/●	●/●	●/●	●/●	●/-	-/-	-/-
Compressed audio Enhancer (MP3, WMA, ACC, iPod)	-	●	●	-	-	-	-	-
OPERATIONAL								
Auto speaker setup by microphone	MRAC advanced	Audyssey MultEQ	Audyssey MultEQ	Audyssey MultEQ	MRAC	MRAC	- (easy setup)	-
Front panel cursor control	●	●	●	●	●	●	●	●
On Screen Display: main room / multi-room	●/●	●/●	●/●	●/-	●/-	●/-	-/-	-/-
Variable crossover	11	7	7	5	5	5	3	5
Lip sync control	●	●	●	●	●	-	-	-
Video conversion (> up, < down)	● (CVBS <> S > Comp)	● (CVBS <> S <> Comp >HDMI)	● (CVBS <> S <> Comp >HDMI)	● (CVBS <> S <> Comp >HDMI)	● (CVBS <> S > Comp)	● (CVBS < S > Comp)	-	-
T.B.C. (Time Base Correction) / I/P Conversion	●/●	●/●	●/●	●/●	-/-	-/-	-/-	-/-
AM/FM Tuner	2	1	1	1	1	1	1	1
Auto TV switching (On / Off)	●	●	●	●	●	●	-	-
D-bus in / out	●	●	●	●	●	●	●	-
Front inputs: Audio / Composite / S-Video / Digital (Opt)	●/●/●/●	●/●/●/●	●/●/●/●	●/●/●/●	●/●/●/●	●/●/●/●	-/-/-/-	●/●/-/-
VIDEO INPUTS / OUTPUTS								
Composite In / Out	7/3	4/3	4/3	4/2	4/2	4/2	4/3	3/2
S-Video In / Out	7/3	4/3	4/3	4/2	4/2	4/2	2/2	2/1
Component In / Out	4/2	4/2	4/2	4/1	3/2	3/1	2/1	2/1
HDMI In / Out (version x.x)	2/1 (V1.1)	4/2(V1.3)	4/2(V1.3)	2/1(V1.2)	3/1 (V1.1)	2/1 (V1.1)	-/-	-/-
HDMI V1.3 Deep Color™	-	●	●	-	-	-	-	-
AUDIO INPUTS / OUTPUTS								
Analogue in / out	9/3	6/4	6/4	6/4	7/3	7/3	7/4	6/2
Digital optical in / out	5/1	3/1	3/1	3/1	3/1	2/1	1/-	1/-
Digital coaxial in / out	4/1	3/1	3/1	2/1	2/-	2/-	2/-	2/-
Digital audio by HDMI	●	●	●	●	●	●	-	-
Pre-out /Main in (7.1 ch)	●/7	●/-	●/-	●/-	●/-	●/-	-/-	-/-
Multi-channel in	●	●	●	●	●	●	●	-
MULTI-ROOM (CUSTOM INSTALLATION)								
Multi-room zones	2	2	1	1	1	-	-	-
Multi-room speaker terminals	●	● (dedicated)	● (dedicated)	●	●	-	-	-
Multi-room video out (composite / S-Video / Component)	●/-/-	●/-/●	●/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-
Discrete RC coding Main / Multi	●/●	●/●	●/●	●/●	●/●	●/-	-/-	-/-
Multi-room D-bus in / out	●	●	●	●	●	-	-	-
IR receiver In / Emitter Out	1/4	1/2	-/-	-/-	-/-	-/-	-/-	-/-
IR flasher In	1	1	1	1	1	-	-	-
RS232C (control / update)	●/●	●/●	●/●	●/●	●/●	-/-	-/-	-/-
DC triggers	4	2	2	1	1	-	-	-
Multi-room remote (included / optional)	-/●	RC101 (●/-)	RC101 (●/-)	RC101 (-/●)	RC101 (-/●)	-	-	-
Speaker A / B / A+B	●/●/●	●/●/●	●/●/●	●/●/●	●/●/●	●/-/●	●/-/●	●/-/-
SPECIFICATIONS								
Power Output	140/- W	125/- W	110/- W	100/- W	90/- W	80/- W	70/- W	60/- W
Audio Signal-to-noise ratio	105 dB	105 dB	105 dB	105 dB	105 dB	105 dB	105 dB	92 dB (IHF A weighted)
FM tuner freq. response	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz
Component Video freq. response.	5 - 100 MHz	5 - 80 MHz	5 - 80 MHz	5 - 80 MHz	5 - 80 MHz	5 - 80 MHz	5 - 80 MHz	5 - 50 MHz
ENGINEERING								
Metal front panel / Oil-damped folding door	●/●	●/●	●/●	●/●	●/-	●/-	●/-	-/-
Speaker Terminal: Gold-plated / Regular	●/-	-/●	-/●	-/●	-/●	-/●	-/●	-/●
System remote control	improved RC3200	RC8001SR	RC8001SR	RC5001SR	RC5001SR	RC5001SR	RC5500SR	RC301SR (non-system RC)
Pre-programmed / Learnable / Touchscreen	-/●/●	●/●/-	●/●/-	●/●/-	●/●/-	●/●/-	●/●/-	-/-/-
Power consumption	720 W	650 W	620 W	620 W	600 W	500 W	330 W	330 W
Detachable power cable	●	●	●	●	●	●	-	-
Maximum dimensions	440 x 483 x 218 mm	440 x 396 x 184 mm	440 x 396 x 184 mm	440 x 396 x 184 mm	440 x 384 x 160 mm	440 x 384 x 160 mm	440 x 384 x 160 mm	440 x 368 x 137.5 mm
Weight	26.0 kg	15.0 kg	15.0 kg	15.0 kg	12.3 kg	11.4 kg	11.1 kg	9.7 kg
Available colours: Silver / Black	●/●	●/●	●/●	●/●	●/●	●/●	●/●	●/-

DVD Players

	DV9600	DV7001	DV6001	DV6001	DV3002
MULTI-CHANNEL SURROUND					
Decoder: DD / DTS / MPEG / DTS96/24 / DVD-A / SACD	●/●/●/●/●/●	●/●/●/●/●	●/●/-/●/●/●	●/-/●/-/	●/-/●/-/
Virtual surround	●	●	●	●	●
Headphone surround	Dolby Headphone	-	-	-	-
AUDIO / VIDEO ENHANCEMENTS					
Pal 60 Conversion	●	●	●	●	●
Progressive Scan: PAL / NTSC	●/●	●/●	●/●	●/●	●/●
Video Scaling on HDMI: 480i / 480p / 576i / 576p / 720p / 1080i / 1080P	●/●/●/●/●/●/●	-/●/-/●/●/●/●	-/●/-/●/●/●/●	-/●/-/●/●/●/-	-/●/-/●/●/●/-
CD Compatibility: CD / CD-R/RW / HDCD / SACD / WMA / MP3 / DivX	●/●/-/●/-/●/●	●/●/-/●/●/●/●	●/●/-/●/●/●/●	●/●/-/	●/●/-/●/●/●/●
VCD Compatibility: VCD / VCD 2.0 / SVCD	●/●/●	●/●/●	●/●/●	●/●/●	●/●/●
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW / DivX	●/●/●/●/-/	●/●/●/●/●/●	●/●/●/●/●/●	●/-/●/●/●/●	●/-/●/●/●/●
Image Disc Compatibility: JPEG / Picture CD	●/-	●/●	●/●	●/●	●/●
HDAM: Standard / SA / Current Feedback	●/-/-	●/-/-	-/-/-	-/-/-	-/-/-
Audio exclusive mode	●	●	●	●	●
Dedicated High Grade Audio Power Supply	●	●	-	-	-
Power Transformer: Toroidal / EI	-/●	-/●	-/-	-/-	-/-
High Grade Audio Components	●	●	-	-	-
Customised Components	●	●	-	-	-
Copper Plated Chassis	-	-	-	-	-
System block shielding: Copper-plated / Metal / none	-/●/-	-/-/●	-/-/●	-/-/●	-/-/●
Chassis : Die-cast / Copper-plated / Metal	-/-/●	-/-/●	-/-/●	-/-/●	-/-/●
Double Layer Bottom Plate	●	●	●	●	-
OTHERS					
HDMI video adjustments	●	●	●	●	●
Selectable HDMI output level (normal / expand)	●	●	●	●	●
Analogue Video Adjustment	●	●	●	●	●
Auto Aspect Ratio	●	●	●	●	●
Bass-Management (SACD/DVD-A)	●/●	●/●	●/●	-/-	-/-
Lip sync control	●	-	-	-	-
Multi-Language OSD	●	●	●	●	●
Multi-Channel Down Mix	●	●	●	●	●
RS232C (control / update)	●/●	●/●	●/●	●/●	-/-
D-Bus In / Out	●	●	●	●	-
INPUTS / OUTPUTS					
VIDEO					
Composite Out	2	2	1	1	1
S-Video Out	1	1	1	1	1
Component Out	1	1	1	1	1
Gold-plated RCA (Video)	●	●	-	-	-
Scart (RGB)	1	1	1	1	1
HDMI (version x.x)	1. 1	1.1	1. 1	1. 0	1.0
AUDIO					
Scart	1	1	1	1	1
Analogue Out (RCA)	2	1	1	1	1
Multi channel out (5.1)	●	●	●	-	-
Gold-plated RCA	●	●	●	-	-
Digital Coaxial Out	1	1	1	1	1
Digital Optical Out	1	1	-	-	-
IEEE 1394 - Firewire - i-Link	●	-	-	-	-
OTHER					
RS232C	●	●	●	●	-
SPECIFICATIONS					
D/A conversion (video)	216 MHz/14-bit	216 MHz/12-bit	216 MHz /12-bit	108 MHz / 12-bit	108 MHz / 12-bit
D/A converter (video)	ADV7324	ADV7320	ADV7320	MTK1389HD	MTK1389HD
D/A conversion (audio)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)
D/A converter (audio)	CS4398	CS4398	CS4360+AK4382	AK4385	AK4385
Frequency response	4 Hz - 44 kHz (DVD fs 96kHz)	4 Hz - 44 kHz (DVD fs 96kHz)	4 Hz - 44 kHz (DVD fs 96kHz)	4 Hz - 44 kHz (DVD fs 96 kHz)	4 Hz - 44 kHz (DVD fs 96 kHz)
Frequency response (SACD, DVD-A)	4 Hz - 100 kHz (SACD); 4 kHz - 88 kHz (DVD-A)	4 Hz - 100 kHz (SACD); 4 kHz - 88 kHz (DVD-A)	4 Hz - 100 kHz (SACD); 4 kHz - 88 kHz (DVD-A)	-	-
Signal to Noise Ratio	130 dB	120 dB	110 dB	110 dB	110 dB
Dynamic Range: CD / DVD	110 dB	110 dB	100 dB	100 dB	100 dB
Total Harmonic Distortion (THD)	0.000008	0.0008	0.003	0.003	0.003
GENERAL					
Available colours: Silver / Black	●/●	●/●	●/●	●/●	●/●
Metal Front Panel	●	●	●	●	●
Remote Control	RC9600DV	RC001DV	RC001DV	RC001DV	RC001DV
Power Consumption	24 W	27 W	25 W	9 W	12 W
Detachable Power Cable	●	●	●	●	●
Maximum Dimensions (W x D x H)	440 x 384 x 115 mm	440 x 332 x 128 mm	440 x 319 x 60 mm	440 x 319 x 60 mm	440 x 319 x 60 mm
Weight	8.5 kg	7.3 kg	4.0 kg	4.0 kg	3.0 kg

Controllers

	RC9001	RC3001	RC2001	RC1400	RC101
FEATURES					
Display: Colour / BW	●/-	-/●	-/●	-/●	-/-
Touchscreen	●	-	-	-	-
Transmission (IR / RF / Wi-Fi / 2-Way)	●/-/●/●	●/●/-/	●/-/-/	●/-/-/	●/-/-/
Learnable: IR/RF	●/-	●/-	●/-	●/-	●/-
Pre-Programmed (Marantz RC-5 / RC-6)	●	●	●	●	●
Pre-Programmed (Other brands)	●	●	●	●	●
Pre-programmed for multi-room control (zones)	-	-	-	-	3
Direct Access Buttons	22	45	46	54	42
Cursor control	●	●	●	●	●
Programmable Direct Access Buttons	21	41	42	52	28
Transparent graphics	●	-	-	-	-
Blending transparency	●	-	-	-	-
Device menu	●	-	-	-	-
Macro programming: Macro area / any button	-/●	-/●	-/●	●/-	-/-
Contrast Control: analogue / digital	-/●	-/-	-/-	-/-	-/-
Label: Device / page	●/●	●/●	●/●	-/-	-/-
Assignable: Device action / Jumps	●/●	●/●	●/●	-/-	-/-
Adjustable font size	●	-	-	-	-
Backlight Screen: White / Amber	●/-	●/-	●/-	Blue	-/-
Backlight Hard Buttons: Blue / Amber	●/-	●/-	●/-	●/-	-/●
PC Editing Program	Wizz.it EX	Wizz.it 3	Wizz.it 4	-	-
PC Connection (USB)	●	●	●	-	-
Clock / date indication	●/●	●/-	●/-	●/-	-/-
24h Timer	-	●	●	-	-
Sleep Timer	-	●	●	-	-
Motion Sensor	●	-	-	-	-
Universal DB	●	-	-	-	-
RF Receiver (included / optional)	-/●	●/-	-/-	-/-	-/-
SPECIFICATIONS					
LCD Screen Size (W x H)	74 x 56 mm	29 x 52 mm	29 x 52 mm	24 x 40 mm	-
Resolution	640 x 480	7x (11 x 81)	7x (11 x 81)	5 x 7 (5 digit x 1 line)	-
Number of Colours	65536	-	-	-	-
Greyscale Levels	-	-	-	1	-
Memory Size	64 Mb	4 Mb	4 Mb	512 kb	-
IR Operating Distance	5 m	5 m	5 m	10 m	5 m
IR Angle	+45°	+30°	+30°	160°	+30°
IR Carrier frequency	17 kHz - 1 MHz	< 100 kHz	< 100 kHz	14 - 70 kHz	< 80 kHz
RF Carrier Frequency	2.4 GHz (802.11 b/g)	433.92 MHz	-	-	-
Number of Commands per Macro	10000	1600	1600	20	-
ACCESSORIES					
Recharging: Dock Station / Power adapter	●/●	-/●	-/-	-/-	-/-
Cable for PC Connection: USB	●	●	●	-	-
Rechargeable battery / Normal battery	Li Polymer/-	NIMH/-	-/●	-/●	-/●
GENERAL					
Colour: Silver / Black	●/-	-/●	-/●	Light Grey	-/●
Dimensions (W x H x D)	166 x 100 x 32 mm	54 x 227 x 20 mm	54 x 227 x 20 mm	57 x 224 x 30 mm	50 x 224 x 24 mm
Weight (With Batteries)	320 g	200 g	200 g	175 g	150 g

Remote Extenders

	RX9001	RX8001
FEATURES		
System Control via CAT5 / Wireless	●/-	●/● (RC9001)
Customisation via Webserver	●	●
Network mode	DHCP, Fixed IP	DHCP, Fixed IP
Addressable IR Emitter outputs	4	4
Adjustable IR output level	●	●
IR code range	25 kHz - 1 Mhz	25 kHz - 1 Mhz
RS232 serial interface	4	-
Relay outputs	4 (max 48 V / 2 A)	-
DC Output	1 (5 V / 0.3 A)	-
Power sense input	4 (4 - 30 V)	-
Status indication	19 LED	2 LED
ACCESSORIES		
AC adapter	5 V DC / 2A	5 V DC / 2A
Crossover configuration cable	●	●
IR Emitter	2x Dual IR	2x Dual IR
Mini-jack IR cable	2	2
Rackmount kit	●	-
GENERAL		
Colour	Black	Black
Dimensions (W x D x H)	428 x 46 x 240 mm	157 x 33 x 100 mm
Weight	175 g	178 g

Turntables

			TT15S1	TT142PA
FEATURES				
Motor			AC Motor	DC Servo
Drive System			Belt Drive	Belt Drive
Bearing			Ceramic	-
Operation			Manual	Full Automatic
Speed			33⅓ & 45 RPM	33⅓ & 45 RPM
Stylus			Moving Magnet	Moving Magnet
Belt			Silicon rubber	-
INPUTS / OUTPUTS				
Line Out			stereo	stereo
SPECIFICATIONS				
Rated Output			3 mV / 1 kHz	4 mV / 1 kHz
Frequency Range			20 Hz - 20 kHz	20 Hz - 18 kHz
S/N			80 dB	65 dB
GENERAL				
Clever clamp			•	-
Available colors:				
Platinum / Gold / Black / White			-/-/-/•	-/-/•/-
Remote Control			-	-
Max. Dimensions (W x D x H)			440 x 350 x 110 mm	420 x 360 x 137 mm
Weight			8.9 kg	5.4 kg

ZS5300

			ZS5300
FEATURES			
Number of Channels			6 (Stereo x 3)
Output Power/Channel (6 Ohm)			60 W
Power Transformer			R-Core
Compact Class-D Amplifier			•
Discrete Amplifier Stage			•
Matrix Source Switcher			•
Common Input Source			3
Direct Input / Zone			1
Zone Expandable Connection			•
Global Control Function			•
Majority Keypads Compatibility			•
Dual Voltage Capability			•
IN / OUTPUTS AUDIO			
Analogue L&R In (Common Source)			3
Analogue L&R In (Zone Direct)			3
Pre Amplifier L&R Out			1 (Zone-3)
Speaker Out			3
Analogue L&R Out			3
OTHER			
External Control In (Flasher In)			1
Status Out (DC 12 V)			3
D-Bus Remote (RC-5) In / Out			3
AUDIO SECTION			
THD (20 Hz - 20 kHz, 8 Ohms)			0.05 %
Input Sensitivity / Impedance			300 mV/20 kOhm
Frequency Response (+/- 3 dB)			10 Hz - 30 kHz
S/N Ratio			85 dB
GENERAL			
Colour			Black
Front Panel			Aluminum
Remote Control			Device Remote RC-5300ZS
Power Requirement			AC 120 V / 230 V, 60 Hz
Power Consumption			100 W
Dimensions W x H x D (mm)			440 x 114 x 338
Weight (kg)			8.5

Home Theatre Projector

			VP15S1
FEATURES			
Projection Technology			DLP®
Aspect Ratio			16:9
Native Resolution			1920x1080
Supported PC Resolution			
VGA / SVGA / XGA / WXGA / SXGA / UXGA			•/•/•/•/•/•
Supported Video Formats:			
NTSC 3.58, 4.43 / PAL N, M, B/G / SECAM			•/•/•
Supported HD Formats			</= 1080p
Deep Color™ support			•
Lens manufacturer			Konica Minolta
Cat Eye Iris in lens system selectable			•
Focus adjustment: Manual / motorised			•/-
Zoom adjust: manual / motorised			•/-
Vertical Lens Shift: Manual / motorised			•/-
Feet Adjustment			15 - 61.8 mm
Optics Sealing			•
Sealed Cabinet Structure: Single / dual			-/•
Sealed Lamp Structure			•
Cat Eye Iris in light system selectable			•
Colour wheel			6 Segment
Noise Cancellation			•
Active fan control			•
Optimised Dust Shielding			•
Diecast chassis			•
Light Leakage Reduction			•
ELECTRONICS & SOFTWARE			
Video Processor			Gennum
Video Processing			10-bit
Panel drive processing			12-bit
Natural Density Filter			-
Progressive Scan			•
Deinterlacing			VXP™
3-2 Pull Down			•
Gamma Processing			12-bit
Enhanced video adjustment			•
Electronic Keystone Correction:			
Horizontal / Vertical			-/•
Picture Modes			3
Picture Memories			18
Picture size memory			•
Aspect Modes			Full, Normal, Through, Zoom, V-Stretch
Colour Temperatures			5
Black Level Selection			•
Lamp Mode (Normal / Economy)			200 / 168 W
Automatic Input Detection (RGB / Component)			•
Discrete Remote Control Coding			•
INPUTS / OUTPUTS			
Composite Video In			1
S-Video In			1
Component In (Y, Cb/Pb, Cr/Pr - RCA)			2
RGB/HD In (D.Sub 15-pin)			1
HDMI V1.3 (12-bit)			2
RS232C (control / update)			•/•
DC Trigger Out			2
Remote Control In / Out (3.5 mm mini jack)			•
SPECIFICATIONS			
DLP® Chip			1080p DLP® Chip
Panel Size			0.95 inch
Mirror tilt angle			12°
Contrast Ratio			10000:1
Brightness: Normal / Economy			1000 / 850 ANSI lm
Standard lens			f: 30.7 - 44.5 mm / F: 3.0
Zoom Ratio			1.45
Focal Length			30.7 - 44.5 mm
Projection Size			70 inch-250 inch
Projection Distance			2.2 m - 11.8 m
Operating Temperature			5°-35°C
Noise Level			< 29 dB
Operating Humidity			30%-85%
Lamp type			SHP 200 W (DC)
Lamp power (Normal / Economy) in Watt			200 / 168 W
Average Lamp Life (in hours)			2000
GENERAL			
Colour: Yellow / Black / White			-/•/-
Aluminum diecast chassis			•
Remote Control			RC11VPS1
Power Consumption			350 W
Standby Consumption			<0.5 Watt
Maximum Dimensions (W x D x H)			405 x 489.5 x 149-158 mm
Weight			13 kg

Cassette Deck

			SD40S1
FEATURES			
Tape Transports (full logic)			2
Auto Reverse			•
DC Servo Controlled			•
Super-hard Permalloy Heads			•
Dolby B/C			•/-
2-Speed Synchro Reverse Dubbing			•
MPX filter			•
Dolby HX Pro			•
Automatic Tape Selector			•
Synchronised CD Recording			•
Quick Music Search			•
Auto Continues Play			•
Timer Record & Play			•
INPUTS / OUTPUTS			
Line In			2
Line Out			2
SPECIFICATIONS			
Rewind Time			110 sec., C-60 cassette
Signal to Noise Ratio (3% THD)			> 74 dB
Recording Bias			100 kHz
Frequency Response			25 - 18 kHz, +/- 3 dB
Channel Separation			> 40 dB
Wow & Flutter			0.09% WRMS, +/- 0.1% w/Peak
GENERAL			
Available colours:			
Platinum / Gold / Silver / Black			-/-/-/•
Metal Front Panel			-
IR receiver built in			•
Power Consumption			16 W
Detachable Power Cable			-
Maximum Dimensions (W x D x H)			440 x 286 x 124 mm
Weight			3.9 kg

Stereo Receiver

			SR4021
AMPLIFIER FEATURES			
Power Transformer: Super-ring / Toroidal / EI			-/-/•
HDAM: Standard / SA / Current Feedback			-
Symmetric PCB Layout			•
Customised Components			-
Balance / Bass / Treble / Loudness			•/•/•/-
Source Direct			•
Separate Solid Heat Sinks			•
Speaker A/B			•
Record Selector: full / copy source			-/•
Tape Monitor			-
Phono Input			•
Standby Mode			•
Display dimmer			•
RS232C (control / update)			-/-
TUNER SECTION			
Broadcast bands: FM / MW / LW			•/•/-
Dual Gate MOS-FET			•
Presets			-
Auto Tuning			30
Station Naming			•
Sleep / Timer			•/-
Birdy Whistle Elimination Circuitry			•
INPUTS / OUTPUTS			
Audio Inputs			8
Phono Input: MM/MC			•/-
Audio Outputs			3
Video inputs			4
Video outputs			2
Digital In / Out			-/-
Processor In / Out			-/-
Pre-out / Main-in			•/•
FM Antenna			1
AM Antenna			1
D-Bus In / Out			•
Speaker Terminal: Click-fit / Screw / WBT			-/•/-
Headphone Out			•
I-Pod input (direct / docking station)			-/•
SPECIFICATIONS			
AUDIO SECTION			
Power Output (8/4 Ohm RMS)			80/- W
Frequency Response			10 Hz - 65 kHz (-3 dB)
Total Harmonic Distortion			0.08%
Damping Factor			N/A
Input Sensitivity: MM			2.6 mV
Input Sensitivity: MC			-
Signal to Noise Ratio MM/MC			>70 dB
Input Sensitivity: High level			200 mV / 47 kOhm
Signal to Noise Ratio High Level			>95 dB
VIDEO SECTION			
Input level / impedance			1Vp-p / 75 Ohm
Output level / impedance			1Vp-p / 75 Ohm
Video frequency response			5 - 30 MHz
Signal to Noise Ratio			>60 dB
GENERAL			
Available colours:			
Platinum / Gold / Silver / Black			-/-/-/•
Metal Front Panel			•
Remote Control			RC4021SR
System Remote Function			•
Power Consumption			220 W
Detachable Power Cable			•
Maximum Dimensions (W x D x H)			440 x 388 x 163 mm
Weight			11.7 kg

Amplifiers /
Control Amplifiers

	MA932	SC732	PM11S1	PM11S1	SC11S1	SM11S1
DESCRIPTION	Mono Power Amplifier	Stereo Control Pre-Amplifier	Integrated Stereo Amplifier	Integrated Stereo Amplifier	Stereo Control Pre-Amplifier	Stereo Power Amplifier
FEATURES						
Channels	1	2	2	2	2	2
Current Feedback Topology	●	●	●	●	●	●
Linear Drive Power Supply	●	●	●	●	●	●
CCNE	●	●	●	●	●	●
Linear volume control	-	●	●	●	●	-
Floating control bus system	-	●	●	●	●	-
BTL Possibility	-	-	-	-	-	●
BI-AMP and Multi-channel option	-	●	●	●	●	-
Power Transformer: Super-ring / Toroidal / EI	-/●/-	-/●/-	●/-/-	-/●/-	-/●/-	-/●/-
Choke input	●	●	●	-	●	-
Shottky diodes	●	●	●	●	●	●
HDAM: Standard / SA / SA2	-/●/-	-/●/-	-/-/●	-/-/●	-/-/●	-/-/●
High Grade Audio Components	●	●	●	●	●	●
Customised Components	●	●	●	●	●	●
Current Feedback phono equaliser	-	-	●	●	●	-
Input buffer amp (all inputs / CD only)	●/-	●/-	●/-	●/-	●/-	●/-
2-Stage power amplifier	●	-	●	●	-	●
Symmetric Parallel PCB Layout (L/R or +/-)	-	●	●	●	●	●
Separate Solid Heat Sinks (L/R or +/-)	●	-	●	●	-	●
System block shielding: Copper / metal / none	●/-/-	●/-/-	●/-/-	-/●/-	-/-/-	-/-/-
Chassis: Die-cast / Copper-plated / Metal	-/●/-	-/●/-	-/●/-	-/●/-	-/●/-	-/●/-
Double Layer Bottom Plate	●	●	●	●	●	●
Low noise LCD display	-	-	●	●	●	●
Low noise LED display	-	●	-	-	-	-
Power Meter: Analogue / Digital	●/-	-/-	-/-	-/-	-/-	-/●
Balance / Bass / Treble / Loudness	-/-/-/-	-/-/-/-	●/●/●/-	●/●/●/-	●/●/●/-	-/-/-/-
Tone on/off	-	-	●	●	-	-
Speaker A/B	-	-	●	-	-	●
Record Selector: full / copy source	-/-	-/●	-/●	-/●	-/●	-/-
Standby Mode	-	-	-	-	-	●
INPUTS / OUTPUTS						
Audio Inputs	-	5	7	6	6	-
Phono Input: MM/MC	-/-	-/-	●/●	●/●	●/●	-/-
Audio Outputs	-	1	2	2	2	-
Balanced In / Out	1/-	1/1	1/-	-/-	2/1	1/-
Processor In / Out	-	-	-	-	-	-
Pre-out / Main-in	-/3	3/-	1/-	1/-	2/-	-/2
D-Bus In / Out	-	-	-	●	-	-
Gold-plated RCA	●	●	●	●	●	●
Speaker Terminal: Click-fit / Screw / WBT	-/-/●	-/-/-	-/-/●	-/-/●	-/-/-	-/-/●
Remote Power Control (Trigger – In / Out)	-	-	-	-	-/2	1/-
Headphone Out	-	-	●	●	●	-
iPod input (direct / docking station)	-/-	-/●	-/●	-/●	-/●	-/-
SPECIFICATIONS						
Power Output (8/4 Ohm RMS)	300/600 W	N/A	100/200 W	90/140 W	N/A	100/200 W
Power Output (8/4 Ohm DIN)			120/210 W	100/160 W		
Power Output (8/4 Ohm IHF)			140/260 W	120/190 W		
Bridged Power Output (8 Ohm rms)	-	-	-	-	-	400 W
Frequency Response	3 Hz-150 kHz +/-3 dB	3 Hz-150 kHz +/-3 dB	5 Hz-120 kHz +/-3 dB	5 Hz-100 kHz +/-3 dB	5 Hz-100 kHz +/-3 dB	5 Hz-100 kHz +/-3 dB
Total Harmonic Distortion	0.01%	0.0015%	0.01%	0.05%	0.003%	0.01%
Damping Factor	200	-	100	100	-	200
Input Sensitivity: MM	-	-	3 mV / 47 kOhm	3.2 mV / 47 kOhm	2.5 mV / 47 kOhm	-
Input Sensitivity: MC	-	-	270 μV/100 Ohm	300 μV/100 Ohm	230 μV/100 Ohm	-
Signal to Noise Ratio: MM/MC	-/-	-/-	90/76 dB	85/77 dB	89/78 dB	-/-
Input Sensitivity: High level	1.7 V /20 kOhm	420 mV /20 kOhm	240 mV /20 kOhm	240 mV /10 kOhm	200 mV/20 kOhm	2.2 V /20 kOhm
Signal to Noise Ratio: High level	123 dB	105 dB	96 dB	90 dB	105 dB	115 dB
GENERAL						
Available colors: Platinum / Gold / Silver / Black	-/●/-/-	-/●/-/-	●/-/-/-	●/-/-/-	-/●/-/-	-/●/-/-
Metal Front Panel	●	●	●	●	●	●
Power Consumption (EN60065)	500 W	20 W	450 W	220 W	25 W	450 W
Detachable Power Cable	●	●	●	●	●	●
Remote Control	-	RC001PM	RC11PMS1	RC11PMS1	RC001PM	-
System Remote Function	-	●	●	●	●	-
Maximum Dimensions (W x D x H)	459 x 451 x 198 mm	459 x 441 x 136 mm	440 x 444 x 165 mm	440 x 444 x 123 mm	440 x 431 x 127 mm	440 x 429 x 168 mm
Weight	37.4 kg	21.8 kg	26 kg	18.0 kg	16.0 kg	27.0 kg

Stereo
Amplifiers

	PM7001 K1	PM7001	PM6002	PM6001
FEATURES				
Channels	2	2	2	2
Current Feedback Topology	●	●	-	-
Linear Drive Power Supply	●	●	●	●
CCNE	●	●	-	-
Linear volume control	-	-	-	-
Floating control bus system	-	-	-	-
BTL Possibility	-	-	-	-
BI-AMP and Multi-channel option	-	-	-	-
Power Transformer: Super-ring / Toroidal / EI	-/●/-	-/-/●	-/●/-	-/-/●
Choke input	-	-	-	-
Shottky diodes	●	●	●	-
HDAM: Standard / SA / SA2 / Current Feedback	-/-/-/●	-/-/-/●	-/-/-/-	-/-/-/-
High Grade Audio Components	●	●	●	●
Customised Components	●	●	●	-
Current Feedback phono equaliser	-	-	-	-
Input buffer amp (all inputs / CD only)	-/●	-/●	-/-	-/-
Construction: Twin mono / 3-Stage circuit	-/-	-/-	-/-	-/-
Symmetric PCB Layout	●	●	-	-
Aluminum extrusion heat sink	●	●	●	-
System block shielding: Copper / metal / none	-/-/●	-/-/●	-/-/●	-/-/●
Chassis : Die-cast / Copper-plated / Metal	-/●/-	-/-/●	-/-/●	-/-/●
Double Layer Bottom Plate	●	-	-	-
Low noise LCD display	-	-	-	-
Temperature Gauge	-	-	-	-
Balance / Bass / Treble / Loudness	●/●/●/-	●/●/●/-	●/●/●/●	●/●/●/●
Source Direct	●	●	●	●
Speaker A/B	●	●	●	●
Record Selector: full / copy-source	●/-	●/-	●/-	●/-
Standby Mode	●	●	●	●
INPUTS / OUTPUTS				
Audio Inputs	6	6	6	6
Phono Input: MM/MC	●/-	●/-	●/-	●/-
Audio Outputs	2	2	2	2
Balanced In / Out	-/-	-/-	-/-	-/-
Processor In / Out	-	-	-	-
Pre-out / Main-in	●/●	●/●	-/-	-/-
D-Bus In / Out	●	●	●	●
Gold-plated RCA	●	CD	●	-
Speaker Terminal: Click-fit / Screw / WBT	-/●/-	-/●/-	-/●/-	-/●/-
Floating control bus (3.5 mm mono jack x 2)	-	-	-	-
Headphone Out	●	●	●	●
iPod input (direct / docking station)	-/●	-/●	-/●	-/●
SPECIFICATIONS				
Power Output (8/4 Ohm rms)	70/100 W	70/100 W	45/60 W	40/55 W
Power Output (8/4 Ohm DIN)	85/130 W	85/130 W	50/65 W	45/60 W
Power Output (8/4 Ohm IHF)	95/160 W	95/160 W	60/85 W	55/80 W
Frequency Response	10 Hz - 80 kHz (+0,-1 dB)	10 Hz - 80 kHz (+0,-1 dB)	10 Hz - 50 kHz (+0,-1 dB)	10 Hz - 50 kHz (+0,-1 dB)
Total Harmonic Distortion	0.01%	0.01%	0.01%	0.01%
Bridged Power Output (8 Ohm rms)	-	-	-	-
Damping Factor	100	100	100	100
Input Sensitivity: MM	2.5 mV / 47 kOhm	2.5 mV / 47 kOhm	2.5 mV / 47 kOhm	2.5 mV / 47 kOhm
Input Sensitivity: MC	-	-	-	-
Signal to Noise Ratio: MM/MC	85/- dB	85/- dB	80/- dB	80/- dB
Input Sensitivity: High level	200 mV / 20 kOhm	200 mV / 20 kOhm	170 mV / 20 kOhm	170 mV / 20 kOhm
Signal to Noise Ratio: High level / Main In	88 / 107 dB	88 / 107 dB	87 dB / -	80 dB / -
GENERAL				
Available colours: Platinum / Gold / Silver / Black	-/-/●/-	-/-/●/●	-/-/●/●	-/-/●/●
Metal Front Panel	●	●	●	●
Power Consumption (EN60065)	250 W	250 W	130 W	120 W
Detachable Power Cable	●	●	●	-
Remote Control	RC002PM	RC002PM	RC002PM	RC002PM
System Remote Function	System	System	System	System
Maximum Dimensions (W x D x H)	440 x 364 x 123 mm	440 x 364 x 123 mm	440 x 343 x 116 mm	440 x 343 x 116 mm
Weight	11.0 kg	10.5 kg	7.1 kg	6.6 kg

SACD Players/
CD Players

	SA751	SA152	SA151	SA7001 KI	SA7001	CD6002	CD6001
FEATURES							
Disc Capacity	1	1	1	1	1	1	1
CD Compatibility: CD / CD-R/RW / SACD / WMA / MP3	●/●/●/-/-	●/●/●/-/-	●/●/●/-/-	●/●/●/-/-	●/●/●/-/-	●/●/●/●/●	●/●/-/-/-/-
SACD compatibility: Multi channel / stereo	-/●	-/●	-/●	-/●	-/●	-/-	-/-
CD-Text / SACD Text / MP3 ID3 Tag / WMA Meta Tag	-/●	-/●	-/●	-/●/-/-	-/●/-/-	●/-/●/●	●/-/-/-
High Grade Audio Components	●	●	●	●	●	●	●
Customised Components	●	●	●	●	●	●	-
Symmetric circuit layout	●	●	●	●	●	●	-
System block shielding: Copper / metal / none	●/-/-	●/-/-	-/●/-	-/●/-	-/●/-	-/●/-	-/-/-
Power Transformer: Super-ring / Toroidal / EI	-/●/-	-/●/-	-/●/●	-/●/-	-/-/●	-/-/●	-/-/●
HDAM: Standard / SA / Current Feedback	●/-/●	●/-/●	●/-/-	●/-/●	●/-/●	●/-/●	-/-/-
Shottky diodes	●	●	●	●	-	●	-
Relay muting	●	●	●	-	-	-	-
Selectable filter: CD / SACD	●/●	●/●	-/-	-/-	-/-	-/-	-/-
Noise shaper (on / off)	●	●	-	-	-	-	-
DC filter (on / off)	●	●	-	-	-	-	-
Digital Phaser Inverter	●	●	-	-	-	-	-
External Clock input	●	●	-	-	-	-	-
Zero Impedance Matching joint (copper)	●	●	●	●	-	-	-
Separated rectifier circuit for analogue and digital circuitry	●	●	●	●	●	●	-
Digital out circuit off	●	●	●	-	-	-	-
Display: Dimmer / Off	-/●	-/●	-/●	●/●	●/●	-/●	-/●
Low Noise LCD display	●	●	●	-	-	-	-
Headphone output: Current Feedback / Buffer amp	-/-	-/-	●/-	-/●	-/●	-/●	-/●
Chassis : Die-cast / Copper-plated / Metal	-/●/-	-/●/-	-/-/●	-/●/-	-/-/●	-/-/●	-/-/●
Extra metal plate for chassis strengthening	●	●	●	●	●	●	-
PLAYBACK							
Program Play	30	30	30	30	30	30	30
Auto Music Scan (AMS)	●	●	●	●	●	●	●
Repeat: track / program / A-B	●/●/●	●/●/●	●/●/●	●/●/●	●/●/●	●/●/●	●/●/●
Random Play	●	●	●	●	●	●	●
Peak Search	-	-	-	-	-	●	●
Edit Recording	-	-	-	-	-	●	●
Sync Recording	-	-	-	-	-	-	●
Pitch Control	-	-	-	-	-	●	●
Start Sound Mode for SACD	●	●	●	●	●	-	-
Quick Replay	●(5 - 60 sec.)	●(5 - 60 sec.)	●(5 - 60 sec.)	● (10 / 20 / 30 sec.)	● (10 / 20 / 30 sec.)	● (5 - 60 sec.)	● (10 sec.)
INPUTS / OUTPUTS							
Analogue Out (RCA L + R)	2 ch	2 ch	2 ch	1	1	1	1
Balanced Out	●	●	-	-	-	-	-
Digital Optical Out	1	1	1	1	1	1	1
Digital Coaxial Out	1	1	1	1	1	1	1
Gold-plated RCA	●	●	●	●	●	●	●
D-Bus In / Out	-	-	●	●	●	●	●
RS232C	-	-	-	-	-	-	-
Headphone Out	-	-	●	●	●	●	●
Headphone Volume Control	-	-	●	●	●	●	●
SPECIFICATIONS							
Mechanism	FGSA7	FGSA11	FGSA15	FG-SA7001	FG-SA7001	KSS-213CCM	KSS-213CCM
Decoder	CXD1885Q	CXD1885Q	CXD1885Q	CXD1885Q	CXD1885Q	TC94A70FG	TC9462F
D/A Conversion	multi-level DAC	multi-level DAC	DSD	DSD	DSD	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma
DAC IC	SM5866AS	SM5866AS	CS4397	CS4397	CS4397	CS4398	CS4392
Digital Filter	DSP (Marantz)	DSP (Marantz)	CS4397	CS4397	CS4397	CS4398	CS4392
Noise Shaper	DSP (Marantz)	DSP (Marantz)	CS4397	CS4397	CS4397	CS4398	CS4392
Low Pass Filter stage	HDAM	HDAM	HDAM	HDAM	HDAM	HDAM	NJM2068
Output Buffer	HDAM+HDAMSA2	HDAM+HDAMSA2	HDAM+Current	HDAM	HDAM	HDAM	-
SACD AUDIO							
Frequency Response (Cust.)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	-	-
Dynamic Range (SA)	114 dB	114 dB	111 dB	112 dB	112 dB	-	-
Signal to Noise Ratio (SA)	114 dB	114 dB	111 dB	112 dB	112 dB	-	-
Total Harmonic Distortion (SA)	0.0009	0.0009	0.0015	0.0015	0.0015	-	-
Channel Separation (SA)	100 dB	100 dB	100 dB	108 dB	108 dB	-	-
CDDA AUDIO							
Frequency Response	2 Hz - 20 kHz	2 Hz - 20 kHz	2 Hz - 20 kHz	2 Hz - 20 kHz	2 Hz - 20 kHz	20 Hz - 20 KHz	20 Hz - 20 KHz
Dynamic Range	100 dB	100 dB	100 dB	> 100 dB	> 100 dB	100 dB	100 dB
Signal to Noise Ratio	104 dB	104 dB	104 dB	111 dB	111 dB	110 dB	110 dB
Total Harmonic Distortion	0.002	0.002	0.002	0.002	0.002	0.002	0.0025
Channel Separation	100 dB	100 dB	100 dB	110 dB	110 dB	100 dB	100 dB
GENERAL							
Available colours: Platinum / Gold / Silver / Black	-/●/-/-	●/-/-/-	●/-/-/-	-/-/●/-	-/-/●/●	-/-/●/●	-/-/●/●
Metal Front Panel	●	●	●	●	●	●	●
Remote Control	RC001SA	RC001SA	RC001SA	RC001CD	RC001CD	RC001CD	RC001CD
Power Consumption	26 W	26 W	25 W	19 W	19 W	19 W	14 W
Detachable Power Cable	●	●	●	●	●	●	-
Maximum Dimensions (W x D x H)	459 x 426 x 136 mm	440 x 415 x 127 mm	440 x 419 x 123 mm	440 x 335 x 128 mm	440 x 335 x 128 mm	440 x 283 x 87 mm	440 x 283 x 87 mm
Weight	22.3 kg	16 kg	13.5 kg	8.0 kg	6.3 kg	4.7 kg	4.0 kg

CD Changer

	CC4001
FEATURES	
Disc Capacity	5
CD Compatibility:	
CD / CD-R/RW / SACD / WMA / MP3	●/●/-/-/●
SACD compatibility: Multi channel / stereo	-/-
CD-Text / SACD Text / MP3 ID3 Tag / WMA Meta Tag	-/-/-/-
High grade audio components	●
Power Transformer: Super-ring / Toroidal / EI	-/-/●
HDAM: Standard / SA / Current Feedback	-/-/-
Digital out circuit off / Audio EX Mode	-/-
Display: Dimmer / Off	●/-
Chassis : Die-cast / Copper-plated / Metal	-/-/●
Extra metal plate for chassis strengthening	-
RS232C (control / update)	●/●
PLAYBACK	
Program Play	32
Auto Music Scan (AMS)	●
Repeat: track / program / A-B	●/●/-
Random Play	●
Peak Search	-
Edit Recording	-
Sync Recording	-
Pitch Control	-
Start Sound Mode for SACD	-
Quick Replay	-
INPUTS / OUTPUTS	
Analogue Out (RCA L + R)	1
Digital Optical Out	1
Digital Coaxial Out	1
Gold-plated RCA	●
D-Bus In / Out	●
RS232C	●
Headphone Out	●
Headphone Volume Control	●
SPECIFICATIONS	
Mechanism	KSS-213CCM
Decoder	CXD3068Q
D/A Conversion	Multi-bit, Delta-Sigma
DAC IC	CS4392
Digital Filter	CS4392
Noise Shaper	CS4392
Low Pass Filter stage	NJM2068
Output Buffer	NJM2068
Headphone amp	NJM4556
CDDA AUDIO	
Frequency Response	20 Hz - 20 KHz
Dynamic Range	100 dB
Signal to Noise Ratio	100 dB
Total Harmonic Distortion	0.002
Channel Separation	110 dB
GENERAL	
Available colours: Platinum / Gold / Silver / Black	-/-/-/●
Metal Front Panel	●
Remote Control	RC4001CC
Power Consumption	19 W
Detachable Power Cable	●
Maximum Dimensions (W x D x H)	440 x 404 x 114 mm
Weight	6.9 kg

CD Receiver

	CR401
FEATURES	
Tone Control: Bass / Treble / Bass Boost	●/●/-
Presets	40 FM / AM
Auto Tuning	●
RDS: PTY / PS / CT / TA / TP / EON	-/●/●/-/-/- +RT
Manual Station Naming	-
Clock	●
Sleep Timer	-
Programmable Timer: Once / Daily / Weekday	●/●/●
Display Dimmer	-
CD Compatibility:	
CD / CD-R/RW / HDCD / SACD/ WMA / MP3	●/●/●/-/-/-/●
AUDIO	
Analogue In / out	3/2
Multi Channel Out	-
Digital Optical In / Out	-/1
Digital Coaxial In / Out	-/-
OTHER	
Pre-Amplifier Out	SUBWOOFER x1
Multi-Channel In	-
Speaker Terminal: click fit / Screw	1/-
D-Bus In / Out	-
AC Outlets (Not for UK Model)	-
Headphone Out	1
SPECIFICATIONS	
Power Output	30 Watts (4 Ohm)
Number of channels	2
Freq. Response (Analogue In)	10 Hz - 50 kHz
Signal to Noise Ratio (audio)	97 dB
Tot al Harmonic Distortion (audio)	0.2% (1 kHz)
TUNER SECTION FM	
Frequency Range FM	87.5 - 108 MHz
Signal to Noise Ratio (Mono/Stereo) FM	66/55 dB
Tot al Harmonic Distortion (Mono/Stereo) FM	0.4/0.46%
Stereo Separation FM	37 dB (1 kHz)
TUNER SECTION AM	
Frequency Range AM	523 - 1611 kHz
Signal to Noise Ratio AM	35 dB
Distortion AM	1.60%
GENERAL	
Available colors	Silver
Metal Front Panel	●
Remote Control	Yes
Maximum Dimensions (W x D x H)	210 x 145 x 333 mm
Weight	6 kg

Tuners

	ST1551	ST7001	ST6001
FEATURES			
Broadcast bands: FM / MW (AM) / LW	●/●/-	●/●/-	●/●/●
Dual Gate MOS-FET	-	-	●
Phase Lock Loop Synthesizer	●	●	-
IF Bandwidth Selector	-	-	●
Customised Components	●	-	-
Presets	100 (DAB) / 100 (FM/AM)	100 (DAB) / 100 (FM / AM)	30 (FM) / 30 (AM)
Auto Tuning	●	●	●
Sleep / Timer	-/-	●/●	●/●
Birdy Whistle Elimination Circuitry	●	●	●
Gyro Touch Tuning	●	-	-
Display dimmer	-	-	-
IN / OUTPUTS			
Analogue Out	1	1	1
D-Bus In / Out	1	1	1
FM Antenna	1	1	1
AM Antenna	1	1	1
Digital Outputs: Coaxial / Optical	1/1	1/1	-/-
TUNER SECTION FM			
Frequency Range	87.5 - 108 MHz	87.5 - 108 MHz	87.5 - 108 MHz
Signal to Noise Ratio (Mono / Stereo)	74 / 68 dB (IHF)	74 / 68 dB	80 / 75 dB
Total Harmonic Distortion (Mono / Stereo)	0.2 / 0.3%	0.2 / 0.3%	0.08 / 0.15 %
Frequency response	20 Hz -15 kHz (+0.5 dB/-1 dB)	20 Hz - 15 kHz (+0.5 dB/-1dB)	20 Hz - 15 kHz (+0.5 dB/-3 dB)
Channel Selectivity (FM)	50 dB ± 400 kHz	50 dB ± 400 kHz	65 dB
Usable Sensitivity	IHF 1.1 µV / 12.2 dBf	IHF 1.1 µV / 12.2 dBf	IHF 1.2 µV / 16.4 dBf
Stereo Separation	43 dB (1 kHz, Stereo)	1 kHz, 45 dB (Stereo)	1 kHz, 50 dB (Stereo)
TUNER SECTION AM			
Frequency Range: MW / LW	522 - 1611 kHz	522 - 1620 kHz	152-280 / 531 - 1602 kHz
Signal to Noise Ratio: MW / LW	53 / - dB	54 / - dB	50 / - dB
GENERAL			
Available colors: Platinum / Gold / Silver / Black	●/-/-/-	-/-/●/-	-/-/●/●
Metal Front Panel	●	●	●
Remote Control	-	RC7001ST	-
Power Consumption	12 W	8 W	N/A
Detachable Power Cable	●	●	-
Maximum Dimensions (W x D x H)	440 x 416 x 123	440 x 360 x 78	440 x 307 x 96 mm
Weight	12.3 kg	4.1 kg	3.8 kg

Audio Technology



3-STAGE AMPLIFICATION

The 3-stage amplification concept offers an extremely wide frequency range needed for the high resolution formats like SACD and DVD-A. In addition it influences the overall performance in relation to speed and accuracy. The first amplification stage is built into the pre amplifier followed by a voltage amplification and the third and final is the power output stage to guarantee high current output driving speakers more vividly and dynamically



AUDYSSEY

Audyssey is an acoustic measurement technology which equalises the acoustic distortion caused by the acoustic behaviour of a room. When you experience Audyssey equalisation, a cloudy layer is lifted away, leaving only clear, accurate, natural sound. Voices and dialog become focused and intelligible. Musical balance is restored. Musical instruments and sound effects become precisely localised. Surround soundstage is made seamless and enveloping. And the best at least, all the measurements and parameter settings will be done fully automatically with a high quality microphone and a sophisticated audio processing technology started via the setup menu of the AV Receiver



CHOKE INPUT TOPOLOGY

In the power supply section, the choke input topology is adopted to drastically reduce rectifier harmonic noise and to reduce the influence of distortion from the mains power network. This system is especially suitable for a control amplifier in which very small signal amplification occurs



COPPER-PLATED CHASSIS

A copper-plated chassis provides the best shielding against noise or electromagnetic distortion radiating from other components in the equipment. It prevents this noise from being amplified together with the audio signal. And even more important, it gives equal low impedance ground level to every point of the chassis, keeping the ground potential as clean as possible



COPPER SHIELDING

Some section of a player or amplifier might produce high frequency distortion or electromagnetic radiation. To eliminate this negative effect causing signal distortion we add in certain products additional copper shielding to protect the sensitive areas or parts, improving the overall sound quality



CURRENT FEEDBACK

Current Feedback amplification is a well known, Marantz' original circuit technology. The Current Feedback amplifier technology fits perfectly with the high requirements set for Super Audio software providing wide-bandwidth, high-speed reproduction. The impedance at the Current Feedback point is limited resulting in a very low phase shift. Marantz receivers and amplifiers equipped with Current Feedback can keep the phase compensation via Negative FeedBack (NFB) to a minimum, resulting in high through-rate, excellent transient response and superb sonic transparency for the full bandwidth. Unlike conventional Voltage Feedback amplification, the Current Feedback amplification makes the power amplifier insensitive to difficult loudspeaker loads



CUSTOMISED COMPONENTS

On paper an electrical component might look excellent but the result may fall short of the combined design expectations. Marantz selects the appropriate components for the specific design application. In some cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz in close cooperation with the Marantz engineers



DIGITAL AUDIO BROADCASTING (DAB)

DAB is a digital radio system. It offers near CD-quality sound, more stations, additional radio and data services and therefore wider choice of programs, the ease of tuning and interference-free reception for the listener, plus the information potential of data, graphics and text. DAB is broadcast on terrestrial networks, and you are able to receive it using solely a tiny nondirectional stub antenna



DVD-AUDIO

DVD-Audio is a music format that takes advantage of the high storage capacity of the DVD to present high quality audio up to six channels. For six channel amplification, DVD-Audio provides the possibility to have 96 kHz / 24-bit audio information for all six channels, which results in an increased dynamic range (144 dB) and an increased frequency range (0-96 kHz). In stereo mode DVD-Audio expands the limit of the sampling rate to 192 kHz. The higher the bit-rate and the sampling frequency the more accurate the reproduction of the original recorded piece of music can be done



GMR – GIANT MAGNETIC RESISTOR

The Giant Magnetic Resistor is a technology comparable with an optical coupler, that makes it possible to separate two section of a product galvanic. The GMR outperforms the optical coupler when it comes to high frequencies. This big benefit is used in this player to separate the digital section from the analogue one and this even on the ground level. No high frequency distortion to the sensitive audio signal, no influence to the power for the audio stages



HYPER DYNAMIC AMPLIFIER MODULES (HDAM)

Marantz developed its own discrete circuit boards to replace the ICs. These HDAMs consist of discrete surface mount components with short mirror image L/R signal paths. Those devices are doing exactly the same thing as the Op-Amps, but out-perform the regular IC Op-amps dramatically in terms of the Slew Rate and reduced noise level, resulting in a much more dynamic, accurate and detailed sound. Over the years Marantz developed different types of the HDAM to improve quality which can be found back in the different versions



LINEAR VOLUME CONTROL

Linear volume control offers minimal cross talk with a very precise volume adjustment over a range from 0 dB to 100 dB with a gang error less than +/- 0.5 dB



MARANTZ ROOM ACOUSTIC CALIBRATION (MRAC)

Based on our room acoustics knowledge and expertise already shown in previous products the Marantz Room Acoustic Calibration (MRAC) was developed. Taking into account reflections from walls, ceiling and floor and our knowledge about psycho-acoustics, MRAC optimises the sound for the room acoustics. With a supplied microphone placed on your listening position, a powerful DSP analyses accurately and sets the sound configuration for your listening room fully automatically. MRAC can test and control speaker configuration, speaker size, trim and distance/delay. All for best sound and easy set-up



SUPER AUDIO CD

Super Audio CD (SACD) is a next generation of music format that provides a more natural, ultra-high quality sound. It offers a smooth migration path to a higher quality sound, as all existing CDs can be played on the SACD player. SACD is based on the Direct Stream Digital (DSD) technology, which uses 1 bit delta-sigma modulation and a sampling frequency that is 64 times higher than that of the CD. This enables the SACD to offer a frequency range up to 100 KHz and a dynamic range of 120 dB



SYMMETRICAL CIRCUIT LAYOUT

To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo imaging by ensuring close to perfect symmetry between right and left channel layout



TOROIDAL TRANSFORMER

Toroidal transformer has several advantages over a normal EI core transformer. It is very efficient and therefore delivers more power compared to the same size of an EI core transformer. In addition, due to its shape, the electromagnetic radiation and the mechanical vibration are extremely low all ending in a better sound quality



ZERO IMPEDANCE MATCHING JOINT

Improves the signal to noise ratio significantly by adding a copper-plated bracket across the output terminals of the player providing the best ground contact possible

Video Technology



DCDi

The DCDi (Directional Correlation De-interlacing) technology by Faroudja improves the video image by using new motion adaptive de-interlacing without introducing motion artifacts and jagged edges. This circuit provides edge and detail enhancement without the deleterious side effects



DEEP COLOR™

Deep Color™ lets HDTVs and other displays go from millions of colors to billions of colors allowing consumers to enjoy unprecedented vividness and accuracy of color on their displays. Deep Color™ eliminates on-screen color banding, for smooth tonal transitions and subtle gradations between colors. It enables increased contrast ratio, and can represent many times more shades of gray between black and white



DVB-T

This product is equipped with a DVB-T tuner. Digital Video Broadcast – Terrestrial is transmission of digital video information through the air. The video signals can be compressed by MPEG1 or MPEG2 codec. Benefits of DVB-T are video quality up to DVD level and audio quality up to CD level. Further nice and useful features are subtitle and EPG. EPG is the electronic program guide offering full information on the current broadcasting and even for one week in advance not to miss any important movie, sport event or the latest news. In the area where distributed a small antenna is even enough to receive the broadcasting. No need of a satellite dish or a large antenna



DivX

DivX is a video compression tool developed to exchange film content via the internet. With a DivX certified DVD player it is easy to take digital video from the computer and play it back on the normal TV at almost DVD quality. Thanks to DivX technology's superior compression, hours of DVD-quality video can be saved on a single CD. The latest improved version is called DivX 6.0. The new DivX offers enhanced multimedia and interactive features such as subtitling, DVD-esque video menus and chapter points. Video files created in the new format are handily identified by a new file extension, DivX. Please check capability per product in the specification section



DUAL IRIS SYSTEM

The Dual Iris system incorporates an electronic iris in the projection lens and an electronic iris in the illumination optics, which is a unique feature. Regarding the electric iris in the projection lens, two positions are available: a mode emphasising contrast by reducing the aperture (F6.0) and a mode emphasising brightness (F3.0) by opening the aperture wider. A similar makeup has been added to the light engine. Both systems together offer a wide variety on application. In the real cinema set up the first choice of course will F6.0 for the lens and the illumination optics. However in certain circumstances it might need a higher light output, for example if the room isn't completely dark or the walls are painted white and reflecting the light of the screen. This smart technique guarantees best picture performance with Marantz projectors in any circumstances



HDMI CONVERSION WITH IP PROCESSING

Video conversion from analogue level to the digital level for output via HDMI offers ease of use and best digital picture quality for each source material. A one to one analogue to digital conversion might cause some problems in daily use, because interlace video signals like 576i will be outputted as 576i digital, but some today's TV sets can't understand this signal. To avoid problems an IP-processing is applied, changing the signal from interlace to progressive – 576i will be processed into 576p. This signal will be easily understand by each TV set. HDTV ready HDTV ready products ensure that they are capable of handling HD (high definition) content with the full resolution. Therefore the requirements are a native resolution of at least 720 lines, a 16:9 aspect ratio, Component Video input with 720p & 1080i (50 Hz / 60 Hz) handling and DVI or HDMI digital input with HDCP (high definition content protection). HDTV ready guarantees full enjoyment of high-definition video



HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI)

HDMI combines high-definition video and superb audio in a single digital interface with a bandwidth of up to 10 Gigabits/ second. HDMI complies with High-bandwidth Digital Content Protection (HDCP) technology protecting high-value content from unauthorised reproduction and distribution. HDMI is the only interface in consumer electronics that can carry both high-definition video and multi-channel audio e.g. Dolby Digital and DTS) in all HD formats, including 720p, 1080i and even the upcoming 1080p. With only a single cable connection all information can be digitally transmitted. The HDMI1.1 is able to transport the high resolution DVD-A data as well. With HDMI1.2 the transmission of high resolution stereo and multi-channel information of SACD completes the portfolio. And the latest HDMI1.3 supports higher resolution audio formats as Dolby Digital Plus, Dolby TrueHD and DTS-HD – offers a higher bandwidth for higher frame rates and extended degradation in colour space



LIP SYNC

The digital processing and scaling of video displays can create a slight delay in the video signal. This delay makes audio tracks appear out of synch. Using sound delay (Lip Sync) you can slow the sound presentation to match the presentation of the video



NOISE SHAPING VIDEO (NSV)

Provides the most accurate video signal representation and enhances the picture quality by shifting unwanted noise in a non-visible area



TRUE HD 1080p

1080p is the short name for a category of video modes. The number 1080 stands for 1080 lines of vertical resolution, while the letter p stands for progressive scan or non-interlaced. 1080p is the resolution possible for HDTV. The term usually assumes a widescreen aspect ratio of 16:9, implying a horizontal (display) resolution of 1920 lines and a frame resolution of 1920 x 1080 or over two million pixels. 1080p is the digital standard for filming digital motion pictures. Directors such as George Lucas (in Star Wars: Episode III) shoot their digital films in this high definition mode to be shown in theatres equipped with 1080p digital projectors. With products carrying this icon you can enjoy any single pixel of the movie



PROGRESSIVE SCAN

Compared to a conventional interlaced picture, progressive scanning creates a picture signal with double the scan lines, resulting in a noticeably sharper image. The progressive image offers higher picture resolution and eliminates virtually all motion artifacts. Even on large screens, the progressive scan lines are barely noticeable and picture flickering is greatly reduced, so you can enjoy extended viewing without eye fatigue



VIDEO CONVERSION

Analogue video signals feed to the AV Receiver in Composite, S-Video or Component format will be up- or down-converted to the monitor video output of another format. This feature allows you to connect any source via a single AV Receiver and run one cable to the TV set. Please check specification area for details on conversion direction. For perfect synchronisation the high quality video converter is equipped with digital video processing consisting of for example: 4 H line memory, time based corrector, a triple 10-bit DAC, filed locking, VCR detection and anti aliasing filtering. This will be indicated by the 'line memory' beneath the icon



VISUAL EXCELLENCE PROCESSING

Gennum's VXP offers stunning image quality by applying the most advanced image processing techniques to all SD, HD and graphics signals including content adaptive de-interlacing of HDTV 1080i signals. The internal adaptive de-interlacer sets a new standard for motion processing, film mode detection and dynamic directional edge processing. The four key technologies are:

TruMotionHD

De-interlacing technology that makes input signals progressive, converting them from interlaced to non-interlaced sequentially. TruMotionHD also reduces chroma upsampling errors caused by MPEG decoders of DVD players

FineEdge

FineEdge refers to edge enhancement (correction and emphasis) and adaptive processing. This processing smoothes image edges extremely well, especially lines running diagonally. In combination with the TruMotionHD the picture will be of an extraordinary sharpness and stability

RealityExpansion

The GF9351 uses 10-bit processing for all signal processing, a technique called RealityExpansion. 10-bit processing produces exceptionally better gradation than typical 8-bit processing, raising the number of colours to a higher order of magnitude from 16.77 million to more than a billion. With the increased number of possible colors the reproduced pictures appear much more natural

FidelityEngine

Detail emphasis and noise reduction are provided by what is called the FidelityEngine. This technology cuts noise without reducing the sense of picture resolution. For low-resolution images that are not sharp, the FidelityEngine adds emphasis to details, producing clarity

Sound Formats



DOLBY DIGITAL EX

Dolby Digital EX brings a dimension of depth, spacious ambience and sound localisation to home theatre environment. The benefits of DD-EX include more realistic fly-over and fly-around effects from an additional rear centre speaker (6.1), providing a more stable image for atmospheres and music and a more consistent surround effect throughout the auditorium or home viewing area



DOLBY DIGITAL PLUS

Dolby Digital Plus offers new levels of enhanced audio resolution and fidelity, further complementing the superior video performance of Blu-ray Disc™ and HD DVD. These extensions to the existing Dolby Digital format extend the peak 640 kbps data rate to 3 Mbps and beyond. Dolby Digital Plus is also designed with the flexibility to permit future channel expansion beyond the traditional 5.1-channel model, to 7.1 discrete channels or more



DOLBY PRO LOGIC IIx

Dolby Pro Logic IIx is a complete surround sound solution that maximises the entertainment experience from stereo as well as 5.1 channel encoded sources. Dolby Pro Logic IIx technology features Movie and Music modes that function with 5.1 as well as stereo sources, including 192 kHz / 24-bit and 96 kHz / 24-bit sources. Dolby Pro Logic IIx technology delivers a natural and immersing 7.1 channel listening experience to the home theatre environment



Dolby TrueHD

Dolby TrueHD is Dolby's next-generation lossless technology developed for high-definition disc-based media. Dolby TrueHD supports up to eight full-range channels, allowing the audio engineer to position sounds for a more realistic effect than ever before. Dolby TrueHD has been selected by the DVD Forum as a standard for HD DVD, and is also available for use in Blu-ray Disc™ players and media. Dolby TrueHD is supported by HDMI™, the new single-cable digital connection for high-definition audio and video that eliminates the confusion of multiple connectors. Dolby TrueHD will be transportable over version 1.3 of HDMI and is compatible with version 1.1 as an output HD 7.1 PCM multi-channel signal for AV receivers



DOLBY HEADPHONE

Dolby Headphone technology allows users to listen to music, watch movies, or play video games with the dramatic surround effects of a 5.1 channel soundtrack through any set of stereo headphones. Best of all, 'listener fatigue', a phenomenon commonly associated with headphone playback, is replaced by a spacious, natural sound field that listeners can enjoy for hours



DTS ES 96/24 Neo6

The DTS-ES surround system offers a superb sound quality and a range of formats. The Discrete 6.1 offers the ultimate quality of surround field creation, while the Matrix 6.1 provides compatibility for the existing DTS 5.1 software. And the Neo6 is to create 6.1 surround stage from any two channel source. DTS 96/24 allows for 5.1 channel sound track encoding at a rate of 96 kHz / 24-bit on DVD-Video titles. Higher sampling rates provide greater bit depth and allow a wider frequency response. In conjunction with the use of anti-alias and reconstruction filters DTS 94/24, this results in a more transparent sound quality equivalent to the original soundtrack and is fully backwards compatible at the same time



DTS-HD High Definition Audio

DTS-HD is an optional format for all Blu-ray Disc™ and HD DVD products. The unique DTS-HD core extension design allows for DTS-HD to deliver incredible performance and flexibility. DTS-HD High Resolution Audio delivers audio at high constant bit rates superior to standard DVDs – 6.0 Mbps on Blu-ray Discs™ and 3.0 Mbps on HD-DVD to produce outstanding sound quality. It is capable of delivering up to 7.1 channels at 96 k sampling frequency / 24-bit depth resolution



DTS-HD Master Audio

DTS-HD Master Audio is capable of delivering 7.1 channels of audio that is bit-for-bit identical to the studio master at a rate up to 24.5 MBPS from Blu-ray discs



HD-7.1 PCM MULTI-CHANNEL

HD-7.1 PCM Multi-channel offers the full high definition / high resolution sound from Blu-ray Disc™ or HD-DVD even if the decoders for the HD Audio formats Dolby Digital Plus, Dolby TrueHD and DTS-HD aren't built into the receiver. How? The player has the option to convert the HD Audio signal into a up to 7.1 PCM multi-channel 96 kHz / 24-bit signal, which will be transmitted via the HDMI cable. The conversion is lossless so you will enjoy every single bit of high definition sound. In the Marantz receiver high quality 96 kHz / 24-bit digital to analogue converter will take care of the signal. This is comparable to the DTS-HD transmitted signal



HD AUDIO DECODERS

HD-Audio Decoders covers the new sound formats coming with the emerge of the high definition (HD) video player Blu-ray Disc™ and HD DVD. For detailed information on the new formats please see below. Marantz has optimised its receiver to handle this sensible signal with highest accuracy not to lose any detail on information to give you the full experience of the new HD Audio



SRS CIRCLE SURROUND II

Circle Surround II is a powerful and versatile multi-channel technology designed to enable up to 6.1 multi-channel surround-sound playback from mono, stereo, CS encoded sources and other matrix encoded sources. CS-II places the listener 'inside' the music performances and dramatically improves the separation and image positioning of both hi-fi audio conventional surround-encoded video material, adding a heightened sense of realism



SRS WOW

SRS WOW™ improves the dynamic audio performance of compressed audio, expands the size of the audio image and improves the perception of low frequency sound. These improvements provide the listener with an engaging and powerful representation of the audio performance



THX Select2

When you see the THX logo, you are selecting superior performance for exceptional entertainment experiences. THX Select2 incorporates two additional processing technologies: Advanced Speaker Array (A.S.A.) and Boundary Gain Compensation (B.G.C.). ASA is a proprietary of THX technology which processes the sound fed into 2 surround and 2 surround back speakers to provide the optimum in enveloping surround sound reproduction. When placing the 2 surround back speakers close to each other and build your home theatre setup using 8 speakers, ASA will create the largest possible sweet spot in your surround sound field. Boundary Gain Compensation provides an optimised bass balance in case the listening room layout results in most of the listeners being seated close to the rear wall. This technology prevents a 'boomy' bass yet processes the appropriate bass reinforcement.



THX Ultra 2

The THX Ultra 2 specification provides uncompromised 7.1 channel playback of any multi-channel program, whether movie soundtracks or music, over the widest possible seating area

Custom Installation (CI) Friendly



CI-Ready

CI-Ready indicates that the products is equipped with connection like RS232, Flasher Out, IR Receiver in, DC-Trigger and similar used especially in the Custom Installation area. The RS232 for example is a communication port direct to the micro processor of the device. It is possible to control the component and get status feedback via this connection without any visual contact and even offers a way to update the system software if needed. Marantz products have dedicated remote codes and RS232 codes for any function including discrete power on / off



D-BUS

To optimise equipment in terms of ease of use, Marantz has designed the D-Bus system. Received remote control commands are communicated via this bus. This enables equipment without IR-receiver like tuners or hidden system together with an external IR eye to be controlled via the bypacked Marantz System Remote Controller



DC-TRIGGER

A DC trigger is an assignable voltage output which can automatically control for example an electrical projection screen, lowering it when the DVD input is chosen on the receiver



IR-FLASHER

The IR-Flasher In is a standardised connection to control the AV system by external IR receivers independent of the infra red control format used. On the IR-Flasher out a IR-Emitter can be connected to control third brand components. The third connection link to this is the IR-Receiver input which is similar to the IR-Flasher In, but it outputs a voltage to feed an external IR-Receiver eye. Please check capability per product in the specification section



MULTI-ROOM / MULTI-SOURCE

With the Marantz AV system placed in the main room of the house, a second or even a third loudspeaker set can be placed in two separate rooms. In those rooms an audio and even a video source can be selected independently from the main room at a different sound level and with full remote control functionality. For example in the main room a DVD can be played back with multi-channel surround, while in a second room music can be enjoyed from a CD player connect and a third room can have audio and video coming from the connected satellite set-top box – all at the same time – all independently. Please check specification section for number of zones



RF TRANSMISSION

The RF transmission of control commands makes it possible to control the equipment like amplifier, CD / DVD-Player or similar, even if there is no direct visual contact. It might be that the equipment is set up in the next room or hidden in a cupboard. The remote will sent out radio frequency (RF) like a radio station and this signal will be received by a small box converting it back into infra red (IR) signals to control the equipment



2-WAY Wi-Fi

Wi-Fi, also called IEEE802.11, is a RF transmission (please see explanation above) as well, but it is opens much more possibilities. As RF is working on a frequency of 433 MHz it is 2.4 GHz with Wi-Fi. This means a much wider bandwidth is available for transmitting the signals and it can be used in both directions. The remote can send signals to control the equipment, but also can receive information from the equipment when available. The communication is bi-directional or 2-way. The Wi-Fi technology is also used for wireless computer networks. For the use with RC9001 for example this means direct playback from WMA files stored on a PC which is linked to the Wi-Fi network or browsing the contents of a music server and several other application possibilities: lighting, climate, security control, etc